

Khyber Pakhtunkhwa Technical Education & Vocational Training Authority (KP-TEVTA)

Standard Bidding Documents (GOODS)

FISCAL YEAR: 2025-26

For the Projects

PURCHASE OF EQUIPMENT/MACHINERY/TOOLS FOR 03 CENTRES OF EXCELLENCE (COES)

- 1. GVTC Yar Hussain Swabi
- 2. GTVC(B) Mingora Swat
- 3. GTVC (B) D.I.Khan

KHYBER PAKHTUNKHWA TEVTA

PREFACE

These Standard Bidding Documents (SBD's) have been prepared for Khyber Pakhtunkhwa Technical Education & Vocational Training Authority (KP-TEVTA) for the <u>Projects in the Fiscal Year 2025-26</u> of KP-TEVTA through National Competitive Bidding as per NCB Khyber Pakhtunkhwa Procurement of Goods, Works & Services Rules 2014.

Provisions, which are intended to be used and will remain unchanged are in Part- One, these includes Instructions to Bidders (ITB) and General Conditions of Contract (GCC).

Part - Two has five sections. Any amendment or variation in the Instructions To Bidders (ITB) and the General Conditions of Contract (GCC) in Part-I, regarding contract data and procurement specific provisions, will be carried out in Bid Data Sheet (BDS) &Special Conditions of Contract (SCC) respectively in Part-Two: Section-I which includes Invitation For Bid (IFB), Bid Data Sheet (BDS) &Special Conditions of Contract (SCC). Part -Two: Section-II includes Technical & Financial Evaluation Criteria for the bidder and the intended Goods. Part-Two: Section-IV further includes Schedule of Requirements, Technical Specifications and ancillary Services. Part-Two: Section-III also contains standardized Sample Forms and Schedules to be submitted by the bidder; and Part-Two: Section V contains in the end, exceptions to the list of eligible countries for the procurement activity under consideration.

Each section is prepared with notes [in italics] intended only as information for the bidders to compliance.

Part-One

FIXED CONDITIONS OF CONTRACT

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

Bidders are advised to read the contents of the Instruction to Bidders (ITB) carefully for filling up the Bidding Documents properly in order to become responsive.

Table of contents

Sr. No	Part-I: Fixed conditions of Contract	Page No.
1	Instructions to Bidders	7
2	General Conditions of Contract (GCC)	23
	Part-Two: Variable Conditions of Contract	
	Section-I: Procurement for Specific Provisions	34
1	Invitation For Bids (IFB)	35
2	Bid Data Sheet (BDS)	36
3	Special Conditions of Contract (SCC)	38
	Section-II: Evaluation Criteria	
1	Technical Evaluation Criteria	43
2	List of Lot-1	44
	Section-III: Standard Forms	59
	Costion IV. Cohodulo of Domissonouto	
1	Section-IV: Schedule of Requirements Supply Schedules	69

Part-One

Instructions To Bidders (ITB)

1. Scope of	Bid	7
2. Source of	Fund	7
3. Eligible B	idders	7
4. Corruption	n and Fraud	8
5. Eligible G	oods and Services	8
6. Cost of Bi	dding	8
7. Bidding f	or Selective Package	9
The Bidding	Procedure	9
8. The Gove	erning Rules	9
9. Applicab	le Bidding Procedure	9
10. The Bidd	ling Documents	10
10.	Contents of the Bidding Documents	10
11.	Clarification(s) on Bidding Documents	10
12.	Amendment(s) to the Bidding Documents	11
Preparation	of Bids	1
13.	Language of Bids	11
14.	Documents comprising the Bids.	11
15.	Bid Price.	12
16.	Bid Currencies.	12
17.	Samples	12
18.	Documentation on Eligibility of Bidders	12
19.	Documentation on Eligibility of Goods.	13
20.	Bid Security.	13
21.	Bid Validity	13
22.	Format and Signing of Bids	14
Submission (of Bids	14
23.	Sealing and Marking of Bids	14
24.	Deadline for Submission of Bids	15
25.	Late Bids	15
26.	Withdrawal of Bids	15

<i>26</i> .	Opening and Evaluation of Bids	15
27.	Opening of Bids by the Procuring Entity	15
28.	Clarification of Bids	16
29.	Preliminary Examination	16
30.	Evaluation of Bids	17
31.	Qualification of Bidder	17
32.	Announcement of Evaluation Report	18
33	Rejection of Bids	18
34.	Re-Bidding	18
35.	Contacting the Procuring Entity	19
	Award of Contract	19
36.	Acceptance of Bid and Award Criteria	19
37.	Procuring Entity's Right to vary quantities at the time of Award	19
38.	Notification of Award	19
39.	Limitation on Negotiations	20
40.	Signing of Contract	20
41.	Performance Guarantee	21

Instructions to Bidders (ITB)

Scope of Bid

- 1.1 The Khyber Pakhtunkhwa Technical Education & Vocational Training Authority (KP-TEVTA) invites sealed bids under National Competitive Bidding from Manufacturers/Importers/Firms for purchase of Goods specified in the Schedule of Requirements along with Technical Specifications and related services incidental thereto to meet the requirement of KP-TEVTA for provision of Projects in the Fiscal Year for the procurement activity as mentioned in **Bid Data Sheet (BDS)**.
- **1.2** Means of communication for the bidders will be true and original signed copies of documents and letters to be submitted either in person or through registered post/courier service with proof of receipt. Phone, fax, telex and email can be used only for information/inquiry purposes.

2. Source of Funds

2.1 The client as mentioned in the Bid Data Sheet (BDS).

3. Eligible Bidders

- **3.1** This Invitation for Bids (IFB) for the purchase of <u>Projects in the Fiscal</u> <u>Year</u> during the Financial Year 2025-26 is open to all eligible bidders/ firms as mentioned in the **Bid Data Sheet (BDS)** and more specifically described in the Schedule of Requirement in Part-Two: Section-IV of these Standard Bidding Documents.
- **3.2** Government-owned enterprises in Pakistan may participate only if they are legally and financially autonomous and authorized to participate in the bidding.
- 3.3 The Importer/authorized dealers must possess valid authorization from the Principal Manufacturer. However, in case of Manufacturer, they should have a documentary proof as prescribed in the Bid Form 3B: Section III of these Standard Bidding Documents to the effect that they are the Manufacturer of the required specifications of Goods.

- **3.4** Bidders under a declaration of ineligibility or corrupt and fraudulent practices issued by any Government (Federal, Provincial or Local) or a public sector organization are **NOT ELIGIBLE**.
- **3.5** A Bidder shall not have a conflict of interest. All bidders found to have conflict of interest shall be disqualified. Bidders may be considered to have a conflict of interest with one or more parties in this bidding process, if they:
- (a) are or have been associated in the past, with a firm or any of its affiliates which have been engaged by the Purchaser 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 these Bidding Documents; or
- (b) Submit more than one bid in this bidding process, except for alternative offers permitted under ITB Clause 15.6 of Standard Bidding documents available at Authority's website. However, this does not limit the participation of subcontractors in more than one bid.
- **3.6** Bidders shall provide such evidence of their continued eligibility satisfactory to the Procuring Entity, as the Procuring Entity shall reasonably request.

4. Corruption and Fraud

- 4.1 The Government of Khyber Pakhtunkhwa defines Corrupt and Fraudulent Practices as "the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official or the supplier or contractor in the procurement process or in contract execution to the detriment of the Procuring agencies; or misrepresentation of facts in order to influence a procurement process or the execution of a contract, collusive practices among bidders (prior to or after bid submission) designed to establish bid prices at artificial, non-competitive levels and to deprive the Procuring agencies of the benefits of free and open competition and any request for, or solicitation of anything of value by any public official in the course of the exercise of his duty"
- **4.2** Indulgence in corruption and fraudulent practices is liable to result in rejection of Bids, cancellation of contracts, debarring and blacklisting of the Bidder, for a stated or indefinite period of time.

5. Eligible Goods and Services.

5.1 All goods and related services to be supplied under the contract shall conform to the policies of the Government of Khyber Pakhtunkhwa in vogue. All expenditures made under the contract

shall be limited to such goods and services. For purposes of this clause, (a) the term "Goods" includes any goods that are the subject of this Invitation for Bids and (b) the term "Services" includes related ancillary services such as transportation, installation, insurance, port releases, after sale service etc.

6. Cost of Bidding.

6.1 The Bidding Documents will be available from the date of publishing of the NIT/IFB and will be available up-to the period as mentioned in the **Bid Data Sheet**. The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Procuring Entity (KP-TEVTA) shall in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

7. Bidding for Selective Package.

7.1 A Bidder, if he so chooses, can bid for selective packages for purchase of from the list of goods provided for in the Schedule of Requirements.

Each Bidder should apply to each Package separately.

The Bidding Procedure

8. The Governing Rules.

8.1 The Bidding procedure shall be governed by the Khyber Pakhtunkhwa Public Procurement of Goods, Works and Services KPPRA Rules, 2014.

9. Applicable Bidding Procedure.

- **9.1** The bidding procedure is governed by Rule 06 sub-rule (2) KPPRA Rules, 2014. Bidders are advised also to refer to the **Bid Data Sheet (BDS)** to confirm the Bidding procedure applicable in the present bidding process.
- **9.2** The bidding procedure prescribed in the Bid Data Sheet is explained below:

Single Stage, Two Envelope Procedure (Rule 2(b) KPPRA 2014)

- The bid shall comprise a single package containing two separate envelopes. Each envelope shall contain separately the Financial Proposal and Technical Proposal;
- ii) The envelopes shall be marked as "TECHNICAL PROPOSAL" and "FINANCIAL PROPOSAL" in bold and legible letters to avoid confusion;

- iii) Initially, only the envelope marked "TECHNICAL PROPOSAL" shall be opened; technical proposal is to determine the technical strength and consideration of the illegibility of the firm for the bidding process, which is to be carried out before the opening of the financial bids.
- iv) the envelope marked as "FINANCIAL PROPOSAL" shall be retained in the custody of KP-TEVTA without being opened;
- v) The Procurement Committee of KP-TEVTA will evaluate the technical proposal, without reference to the price and can reject any proposal which do not conform to the specified requirements;
- vi) during the technical evaluation no amendments in the technical proposal shall be permitted;
- **vii)** The financial proposals of bids will be opened publically at a time, date and venue announced by this office.
- viii) After the evaluation and approval of the technical proposal the Purchase Committee of KP-TEVTA will publicly open the financial proposals of the technically accepted bids only, within the bid validity period. The financial proposal of bids found technically non-responsive will be returned un-opened to the respective Bidders; and
- ix) The bid found to be the best evaluated having total highest score in technical equal or more than 70% & financial evaluation will be considered as successful bidder at lowest bid rate as per KPPRA Act 2012.

The Bidding Documents

10. Contents of the Bidding Documents

- **10.1** The goods required, applicable bidding procedures, and Contract terms are prescribed in the Bidding Documents. In addition to the Invitation for Bids, the Bidding Documents include:
 - (a) Instructions to Bidders (ITB)
 - (b) Bid Data Sheet (BDS)
 - (c) General Conditions of Contract (GCC)
 - (d) Special Conditions of Contract (SCC)
 - (e) Evaluation Criteria

- (g) Schedule of Requirements (List of Required Package & its specifications)
- (h) The Supplier will distributes the Tools/Equipment in to the Institutes, as mentioned concern packages/BOQ of this SBD
- (i) Technical Specifications/Sample Size & Ancillary Services
- (j) Sample Forms & Schedules
- 10.2 The "Invitation for Bids (IFB)" is not a formal part of the Biddin Documents and is included as a reference only. In case of

discrepancies between the Invitation for Bid and the Bidding Documents listed in 10.1 above, the Bidding Documents shall take precedence.

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

11. Clarification(s) on Bidding Documents.

11.1 A prospective Bidder requiring any clarification(s) on the Standard Bidding Documents may notify this office in writing at the address of Technical Education & Vocational Training Authority, as indicated in the **Bid Data Sheet (BDS).** The KP-TEVTA will respond in writing to any request for clarification(s) of the bidding documents, which it receives not later than ten (10) days prior to the deadline for the submission of bids prescribed in the Invitation for Bids/Notice Inviting Tender.

12. Amendment(s) to the Bidding Documents.

- **12.1** At any time prior to the deadline for submission of bids, the KP-TEVTA, for any reason, whether at its own initiative or in response to a clarification(s) requested by a prospective Bidder, whether in a Pre-Bid Meeting to be held on a date specified in the **Bid Data Sheet (BDS)** may modify OR may remain unchanged with no/any amendment(s).
- **12.2** All prospective Bidders that have received the Bidding Documents will be notified of the amendment (if any) in writing through Post, e-mail or fax, and shall be binding on them.
- **12.3** In order to allow prospective Bidders reasonable time for taking the amendment(s) (if any) into account in preparing their bids, the KP- TEVTA, at its discretion, may extend the deadline for the submission of bids.

Preparation of Bids

13. Language of Bids.

13.1 All correspondences, communications, associated with preparation of Bids, clarifications, amendments, submissions shall be written in English. Supporting documents and printed literature furnished by the Bidder may not be in other language if so provided they will be accompanied by an accurate translation of the relevant passages in English, in which case, for purposes of interpretation of the Bid, the said translation shall take precedence.

14. Documents comprising the Bids.

- **14.1** The Bid shall comprise of the Bid Forms of this Bidding Document and all those ancillary documentations that are prescribed for the eligibility of the bidders and goods and ancillary services that are found necessary and highlighted in the Bid Forms in Section V.
- **14.2** The Bidder shall complete the Bid Forms and an appropriate Price Schedule furnished in the bidding documents, indicating the goods to be supplied, a brief description of the goods, their general and specific characteristics as specified in the **Bid Data Sheet (BDS)**, ancillary services that the bidder is willing or required to provide along with the proposed price.

15. Bid Price.

- **15.1** The Bidder shall indicate on the appropriate form prescribed in this Bidding Document the unit prices and total bid price of the goods, it proposes to supply under the Contract.
- **15.2** Form prescribed for quoting of prices is to be filled in very carefully, preferably typed. Any alteration/ correction must be signed. Every page is to be signed and stamped at the bottom. Serial number of the quoted item may be marked with red/green marker.
- **15.3** The Bidder should quote the prices of goods according to the technical specifications as provided in Part-Two: Section IV of this document. The technical specifications of goods, different from the required specifications, shall straightaway be rejected.
- **15.4** The Bidders are required to offer a competitive price which must include all the taxes, levies, duties, Installation, demonstration, training, prescribed price and any other price as mentioned in the **Bid Data Sheet** (**BDS**), where applicable. If there is no mention of taxes, the offered/ quoted

shall be passed on to KP-TEVTA

- 15.5 price shall be considered as inclusive of all prevailing taxes/ duties, etc 15.6 The benefit of exemption from or reduction in the taxes and duties
- **15.7** Prices offered should be for the entire quantity of an item demanded in the Schedule of Requirement; partial quantity offers shall straightaway be rejected. Conditional or alternate offer/bid shall also be considered as non-responsive Bid.
- **15.8** While making a price quote, trend/ inflation in the rate of goods and services in the market should be kept in mind. No request for increase in price due to market fluctuation in the cost of goods and services shall be entertained unless mentioned in the Bid Data Sheet or provisions of the Method of Procurement.

16. Bid Currencies.

16.1 Prices shall be quoted in the currency as mentioned in the **Bid Data Sheet.**

17. Samples

17.1 The Bidder shall provide samples of quoted goods along-with the bid at his own cost and in a quantity prescribed by this office in Part-Two: Section IV of these Standard Bidding Documents.

18. Documentation on Eligibility of Bidders.

- **18.1** Bidder shall furnish, as part of its bid, the Bid Form provided in Part-Two: Section III of these Documents as specified in the **Bid Data Sheet (BDS)**, establishing the Bidder's eligibility to bid and its qualifications to perform the Contract, if its bid is accepted.
- **18.2** Technical Bid Proformas provided in Part-Two: Section III of these Documents for the preparation of Technical Bids by the bidder to be submitted with quotations as specified in **Bid data Sheet (BDS).**
- **18.3** The documentary evidence of the Bidder's eligibility to bid shall establish to the satisfaction of this office that the Bidder, at the time of submission of its bid, is an eligible bidder as defined under ITB Clause 3 of these Bidding documents above.

19. Documentation on Eligibility of Goods.

19.1 The Bidder shall furnish, as part of its bid the Bid Form provided as in Part-Two: Section III of these Bidding Documents as specified in the **Bid Data Sheet (BDS)**, documents establishing the eligibility and conformity to the bidding documents of all goods, which the Bidder proposes to supply under the Contract.

20. Bid Security.

- **20.1** The Bidder shall furnish, as part of its bid, a Bid Security to the extent of a percentage of the total bid value as mentioned in the Bid **Data Sheet (BDS)**. Unsuccessful bidder's bid security shall be discharged or returned soon after announcement of the successful bids.
- **20.2** The successful Bidder's bid security shall be discharged upon signing of contract and furnishing the Performance Security/Guarantee.
- **20.3** The successful Bidder shall submit additional Performance Guarantee for repeat order or as mentioned in the Bid Data Sheet.
- **20.4** The bid Security may be forfeited:
- (a) If a Bidder withdraws its bid during the period of bid validity;Or

21. Bid Validity.

- (b) In the case of a successful Bidder, if the Bidder fails to sign the Contract or fails to provide a Performance Security/Guarantee for the duration of the contract.
- 21.1 Bids shall remain valid for the period identified in the **Bid Data Sheet** (BDS) after the date of opening of technical bid prescribed by

this office. A bid valid for a period shorter than the one prescribed in the Bid Data Sheet (BDS) will be rejected by this office as non-responsive.

21.2 The KP-TEVTA will process and evaluate the bid within the stipulated bid validity period. However under exceptional circumstances and for reason which will be recorded in writing, if an extension is considered necessary, all those who have submitted their bids will be asked to extend their respective bid validity period.

21.3 Bidders who,-

- (a) Agree to the Procuring Entity's request for extension of bid validity period shall not be permitted to change the substance of their bids; and
- (b) Do not agree to an extension of the bid validity period will be allowed to withdraw their bids without forfeiture of their bid securities.

22. Formats and Signing of Bids.

- **22.1** The Bidders will prepare and submit their bids and provide original documents, as appropriate. Copies of any documents must be signed and stamped by the bidders.
- **22.2** The Bid shall be accompanied by the original receipt for payment made for the purchase of the bidding document. In an event where the Bidder has downloaded the bid solicitation document from our official website, they will require to get the original payment receipt of the prescribed fee from the Procurement section of Khyber Pakhtunkhwa Technical Education & Vocational Authority Head Office, before the date of submission of bid.
- **22.3** The original 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. The person or persons signing the bid shall initial all pages of the bid form.
- **22.4** Any interlineations, erasures, or overwriting may not be accepted. However any typographical mistake shall be ensured with proper verification including initial.
- **22.5** Any tampering, illegitimate inclusion or exclusion in any part of these Documents shall lead to disqualification of the bidder.

Submission of Bids

23. Sealing and Marking of Bids.

23.1 The envelopes shall be marked as "TECHNICAL PROPOSAL" and "FINANCIAL PROPOSAL" in bold and legible letters to avoid confusion. Similarly, the Bidder shall seal both the proposals/bids in

separate envelopes. The said two envelopes shall then be sealed in an outer envelope. (The Technical & Financial bids shall be submitted by the bidders through online KPPPRS EPADS system)

- **23.2** The inner and outer envelopes shall:
 - (a) Be addressed to the Director Procurement, Khyber Pakhtunkhwa Technical Education & Vocational Training Authority Head Office also given in the Invitation for Bids/Notice Inviting Tender; and
 - (b) Bid Reference No. Indicated in the Bid Data Sheet, and a statement: "DO NOT OPEN BEFORE," the time and the date specified in the **Bid Data Sheet (BDS)** for opening of Bids.
- **23.3** 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 as "non-responsive" or "late".
- **23.4** If the outer as well as inner envelope is not sealed and marked as required by the ITB Clauses 23.1 to 23.3 above this office shall assume no responsibility for the bid's misplacement or premature opening.

24. Deadline for Submission of Bids

- **24.1** Bids must be submitted by the Bidder and received by this office at the address on the time and date specified in the **Bid Data Sheet (BDS)**. Bids received later than the time and date specified in the **Bid Data Sheet** will stand summarily **rejected**.
- **24.2** The KP-TEVTA may, in its discretion, extend the prescribed deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 12 above, in which case all rights and obligations of this office and Bidders previously subject to the deadline shall thereafter be subject to the deadline as extended.

25. Late Bids

Any bid received by this office after the deadline for submission of bids prescribed pursuant to ITB Clause 24 will be rejected and returned unopened to the Bidder.

26. Withdrawal of Bids

- **26.1** The Bidder may withdraw its bid after the bids submission and prior to the deadline prescribed for opening of bids.
- **26.2** No bid will be withdrawn in the period between deadline for submission of bids and the expiration of the period of bid validity specified in Bid Data Sheet. Withdrawal of a bid during this period may result in forfeiture of the Bid Security submitted by the Bidder, pursuant to the ITB Clause 20 above.

Opening and Evaluation of Bids

27. Opening of Bids.

- **27.1** All bids received, shall be opened by this office publicly in the presence of the Bidders or their representatives on the date, time and venue prescribed in the **Bid Data Sheet**.
- **27.2** The opening of Bids shall be subject to the Bidding Procedure prescribed in the **Bid Data Sheet** and elaborated in ITB Clause 9 above.
- **27.3** All Bidders in attendance shall sign an attendance sheet.
- 27.4 At the opening day, one bid will be announce at a time and will read out aloud by the concern officer and also its contents which may include name of the Bidder, category tendered for, any discounts, any bid modifications or withdrawal, the presence or absence of requisite bid security, unit as well as total bid price and such other details as the KP-TEVTA, at its discretion, may consider appropriate if not in conflict with the Khyber Pakhtunkhwa Public Procurement of Goods, Works and Services Rules, 2014 specifically Rule 37.
- 27.5 Minutes of the Bid opening meeting will be recorded by this office.
- **27.6** No bid shall be rejected at technical proposal/bid opening, except for late bids, which shall be returned unopened to the Bidder.
- **27.7** The financial bids found having without Bid Security shall also be returned unannounced to the Bidders. However, prior to return to the Bidder, the Chairman of the Purchase/ Procurement Committee will record a statement giving reasons for return of such bid(s).

28. Clarification of Bids.

During evaluation of the bids, the Director Procurement KP- TEVTA, at its discretion, ask the Bidder for a clarification of its bid. The request for clarification and the response will be in writing, and no change in the prices or substance of the bid shall be sought, offered, or permitted.

29. Preliminary Examination.

- **29.1** The Procurement Committee of KP-TEVTA 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.
- **29.2** In the financial bids the arithmetical errors shall be rectified on the following basis.
 - a) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit

price and quantity, the unit price will be prevailing, and the total price shall be corrected.

- b) If the Bidder does not accept the correction of the errors, its bid shall be rejected, and its Bid Security may be forfeited.
- c) If there is a discrepancy between words and figures, the amount in words will be prevailed.
- **29.3** The Procuring Entity 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.
- 29.4 Prior to the detailed evaluation, the Purchase Committee of KP-TEVTA shall determine the substantial responsiveness of each bid to the bidding documents. For purposes of this clause, 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 Applicable Laws, Taxes, strep code fee & Duties and internationally recognized best practices shall be deemed to be a material deviation for technical proposals and Bid Security for financial proposals. The Procuring Entity's (KP-TEVTA) determination of a bid's responsiveness will be based on the contents of the bid itself without recourse to extrinsic evidence.
- **29.5** If a bid is not substantially responsive due to the matters concerning to 29.4 above, it shall be rejected by the Procuring Entity (KP-TEVTA) and may not subsequently be made responsive by the Bidder by correction of the nonconformity.

30. Evaluation of Bids.

- **30.1** The Procurement Committee of KP-TEVTA will evaluate and compare the bids, which have been determined to be substantially responsive in accordance with ITB Clause 29 above.
- **30.2** All bids will be evaluated in accordance with the Evaluation Criteria and other terms and conditions available in Standard Bidding Documents (SBDs).
- **30.3** For the purposes of comparison of bids quoted in different currencies, the price shall be converted into Pak Rupees. The rate of exchange shall be the selling rate.
- **30.4** A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issue of notice for invitation of bids.

31. Qualification of Bidder

31.1 The Procuring Entity (KP-TEVTA), at any stage of the procurement proceedings, having credible reasons for or prima facie

evidence of any defect in Bidder's capacities, may require the Bidder to provide information concerning their professional, technical, financial, legal or managerial competence.

- **31.2** Such qualification shall only be laid down after recording reasons thereof in writing. They shall form part of the records of that procurement proceeding.
- **31.3** The Procurement Committee of KP-TEVTA will ensure its satisfaction whether a Bidder, technically and financially qualified and even having the lowest evaluated responsive bid is qualified to perform the Contract satisfactorily.
- **31.4** The determination can take into account the Bidder's financial, technical, and production capabilities. It shall be based upon an examination of the documentary evidence of the Bidder's qualifications submitted by the Bidder, as well as such other information as the KP-TEVTA deems necessary and appropriate. Further, during the process of technical evaluation of Bidder, the Technical Expert Team of this office may inspect the manufacturing plant/ production capacity/ warehousing system/ practices for assessment, if it deems necessary.
- **31.5** An affirmative determination shall be a prerequisite for award of the Contract to the Bidder. A negative determination shall result in rejection of the Bidder's bid, in which event the KP-TEVTA will proceed to the next lowest evaluated bid to make a similar determination of that Bidder's capabilities to perform satisfactorily.
- **31.6** The KP-TEVTA will disqualify a Bidder if it finds, at any time, that the information submitted by him concerning his qualification, as Bidder was false and materially inaccurate or incomplete.

45. Announcement of Evaluation Report

Bid Evaluation Report (BER) will be uploaded on the official website of KP-TEVTA or display on office notice board, giving justification for acceptance or rejection of bids at least five or ten days prior to the award of procurement Contract.

47. Rejection of Bids

- 47.1 The Competent Authority of KP-TEVTA may reject any or all bids at any time prior to the acceptance of a bid. Upon request KP-TEVTA may communicate to any Bidder who submitted a bid, the grounds for its rejection of any or all bids, but is not required to justify those grounds.
- The KP-TEVTA incurs no liability, solely by virtue of its invoking ITB Clause 32.1 above towards Bidders who have submitted bids.
- **473** Notice of the rejection of any or all bids will be given to the concerned Bidders that submitted bids.

48. Re-Bidding

- **48.1** In case all the bids rejected under Rule 47, KP-TEVTA may call for a rebidding under Khyber Pakhtunkhwa Public Procurement of Goods works & services Rules 2014 (Rule-48).
- **48.2** Before initiating the process of re-bidding list of revised specifications, evaluation criteria or any other condition for Bidders, as it may deem necessary will be provided by this office.

49. Contacting the Procuring Entity.

- **49.1** Subject to *ITB Clause 28* above, no Bidder shall contact this office on any matter relating to its bid, from the time of the bid opening to the time of announcement of Evaluation Report. If a Bidder wishes to bring additional information to the notice of the Procuring Entity, it should do so in writing which will be discuss in pre-bid meeting.
- 49.2 Any effort by a Bidder to influence KP-TEVTA in its decisions on bid evaluation, bid comparison, or Contract award may result in the rejection of the Bidder's bid. Canvassing by any Bidder at any stage of the bid evaluation is strictly prohibited. Any infringement shall lead to disqualification.

Award of Contract

50. Acceptance of Bid and Award Criteria.

The Bidder whose bid is found to be most closely conforming to the Evaluation Criteria prescribed in Part-Two: Section II of these Bidding Documents and having the best evaluated responsive bid, if not in conflict with any other law, rules, regulations or policy of the Government of Khyber Pakhtunkhwa, shall be awarded the Contract, within the original or extended period of bid validity.

51. Procuring Entity's Right to vary quantities at the time of Award.

The KP-TEVTA deserves the right at the time of award of the Contract to increase or decrease, the quantity of goods originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

52. Notification of Award.

- a) The successful Bidder will be notified prior to the expiration of the period of bid validity in writing that its bid has been accepted under Rule 46 in conformity with provision of section 31 of the act in these rules.
- b) The notification of award shall constitute the formation of the Contract between the KP-TEVTA and the successful Bidder.
- c) The enforcement of the Contract shall be governed by Rule 50 of the Khyber Pakhtunkhwa Public Procurement of Goods, Works and Services Rules, 2014.

53. Limitation on Negotiations.

- I. Negotiations, that may be undertaken in finalization of the Contract shall not relate to the price or substance of bid specified by the Bidder, but only to technical, contractual or logistical details.
- II. Negotiations may relate to the following areas; (the list is being provided as guidance only and under no circumstances be treated as exhaustive and final):
- a) minor alterations to technical details, such as the scope of work, the specification or drawings;
- b) minor amendments to the Special Conditions of Contract;
- c) finalization of payment schedule and ancillary details;
- d) mobilization arrangements;
- e) agreements on final delivery or completion schedules to accommodate any changes required by the Procuring Entity;
- f) the proposed methodology or staffing;
- g) inputs required from the Procuring Entity;
- h) clarifying details that were not apparent or could not be finalized at the time of bidding;
- i) The Bidder's tax liability in Pakistan, if the Bidder is a foreign company.

54. Negotiations shall not be used to:

- a) substantially change the technical quality or details of the requirement, including the tasks or responsibilities of the Bidder or the performance of the goods;
- b) substantially alter the terms and conditions of Contract;
- c) reduce unit rates or reimbursable costs;
- d) Substantially alter anything which formed a crucial or deciding factor in the evaluation of the bids or proposals alter the submitted financial bid.

55. Signing of Contract.

a)After completion of the Contract Negotiations the KP-TEVTA will provide the bidder a Contract Agreement Form provided in Part- Two: Section III of these Bidding Documents, incorporating all agreements between the Parties.

b) Within ONE week of receipt of the Contract Agreement Form, the successful Bidder and this office shall sign the Contract in accordance with the legal requirements in vogue.

- c) Unless the procurement contract has already entered into force, a contractor or supplier feeling aggrieved by the order of this office accepting a bid may file an application for review.
- **d)** If the successful Bidder, after completion of all codal formalities shows an inability to sign the Contract then its Bid Security shall stand forfeited. In such situation the KP-TEVTA may award the contract to the next lowest evaluated Bidder or call for new bids.
- **e)** The Contract shall become effective upon affixation of signature of the Director Procurement KP-TEVTA and the selected Bidder on the Contract document, and shall be governed for the period specified in the **Bid Data Sheet (BDS)** and by the terms and conditions mutually agreed in the contract.

56. Performance Guarantee.

- a) On the date of signing of Contract, the successful Bidder shall furnish a Performance Guarantee for a percentage amount (10% of the quoted price which can also be in the form of (8+2)) Rule 21 of Khyber Pakhtunkhwa Public Procurement of goods, works & services rules 2014 as specified in the **Bid Data Sheet (BDS)**, on the Form and in the mannered prescribed by this office in Part-Two: Section-III of these Bidding Documents.
- b) The Bid Security submitted by the bidder at the time of submitting its bid shall be returned to the Bidder upon submission of Performance Guarantee.
- c) Failure to provide a Performance Guarantee by the Bidder is a sufficient ground for annulment of the award and forfeiture of Bid Security. In such event the KP-TEVTA will award the contract to the next lowest evaluated bidder or call for new bid.

Part-One General Conditions of Contract (GCC) Table of GCC Clauses

Sr. No	Terms	Page No.
1	Definitions	23
2	Application	23
3	Source of import	24
4	Standards	24
5	Use of Contract Documents and Information; Inspection & Audit by Client	24
6	Patent Rights	25
7	Performance Security	25
8	Submission of Samples	25
9	Ensuring Storage Arrangements	26
10	Inspections and Tests	26
11	Packing	26
12	Delivery and Documents	27
13	Insurance	27
14	Transportation	27
15	Incidental Services	27
16	Spare Parts	28
17	Warranty	28
18	Payment	28
19	Prices	28
20	Change Orders	29
21	Contract Amendments	29
22	Assignment	29
23	Subcontracts	29
24	Delays in the Supplier's Performance	29
25	Liquidated Damages& Penalties	30
26	Termination for Default	31
27	Force Majeure	31
28	Termination for Insolvency	32
29	Termination for Convenience	32
30	Arbitration & Resolution of Disputes	32
31	Governing Language	33
32	Applicable Law	33
33	Notices	33
34	Taxes and Duties	33

General Conditions of Contract (GCC)

1. Definitions	1 1	In this Contract the faller time to make the line intermediate of
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 Purchaser (KP-TEVTA) and the Supplier, as recorded in the Agreement 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 those supplies, which the Supplier is required to supply to the Purchaser (KP- TEVTA) under the Contract.
		(d) "The Services" means those services ancillary to the supply of above goods, such as printing of special instructions on the label and packing, design and logo of the government of Khyber Pakhtunkhwa, transportation of goods up-to the desired destinations, installation 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 Special Conditions of the Contract.
		(g) "The Purchaser" means the Client KP-TEVTA (For these bidding documents) as mentioned in the SCC.
		(h) "The Supplier" means the individual or firm supplying the goods under this Contract.
		(i) "Day" means calendar day.

3. Source of Import

- 3.1 All goods and related services to be supplied under the contract that are required to be imported in Pakistan shall have their origin in eligible source countries as prescribed by the commercial policies of the Federal Government of Pakistan and all expenditures made under the contract shall be limited to such goods and services.
- 3.2 For purposes of this clause, "origin" means the place where the goods are produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing or processing.

4. Standards

- 4.1 The goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications.
- 4.2 In consideration of the payments to be made by the Purchaser (KP-TEVTA) to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser (KP-TEVTA) to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of this Contract.
- 4.3 If the Supplier provide substandard item and fails to provide the fresh supply, the payment of risk purchase (which will be purchased by the KP-TEVTA) the price difference shall be paid by the Supplier.
- In case of supply of substandard product the cost associated with disposal/destruction or associated handling shall be borne by the Supplier i.e. removal from purchaser's (KP-TEVTA) premises, burning, dumping, or incineration.

5. Use of Contract Documents and Information.

- 5.1 The Supplier shall not, without the Purchaser's (KP-TEVTA) 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 Purchaser (KP-TEVTA) 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.
- The Supplier shall not, without the Purchaser's (KP-TEVTA) 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 Purchaser (KP-TEVTA) and shall be returned (all copies) to the Purchaser (KP-TEVTA) on completion of the Supplier's performance under the Contract if so required by the Purchaser (KP-TEVTA).
- 5.4 The Supplier shall permit the Purchaser (KP-TEVTA) to inspect the Supplier's accounts and records relating to the performance of the Supplier.

6. Patent Rights

6.1 The Supplier shall indemnify the Purchaser (KP-TEVTA) 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 country.

7. Performance Security

- 7.1 Within ten (15) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Purchaser the performance security in the amount specified in SCC.
- 7.2 The proceeds of the performance security shall be payable to the Purchaser (KP-TEVTA) 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 Purchaser (KP-TEVTA) and shall be in one of the following forms:
 - a Bank Guarantee or an irrevocable letter of credit issued by a reputable bank located in the Purchaser's (KP-TEVTA) country on behalf of the Supplier, in the form provided in the bidding documents or another form acceptable to the Purchaser (KP-TEVTA); or
 - (b) A cashier's or certified check or CDR.
- 7.4 The performance security will be discharged by the Purchaser (KP-TEVTA) 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. Submission of Samples

Before signing of contract or at the time of commencing supplies, whichever deems appropriate by the purchaser (KP-TEVTA), the Supplier shall provide samples free of cost, if and as specified in the Schedule of Requirements of the product to the designated office or staff, as the case may be.

9. Ensuring storage arrangements

To ensure storage arrangements for the intended supplies, the Supplier shall inform the Purchaser (KP-TEVTA) at least One (01) week in advance. However, in case no space is available at the Purchaser's (KP-TEVTA) premises at the time of supply, the Purchaser (KP-TEVTA) shall, at least 02 days prior to such situation, shall inform the Supplier, in writing, of the possible time frame of availability of space by which the supplies can be made. In case the Supplier abides by the given time frame it shall not be penalized for delay.

10. Inspections and 10.1 Tests

The Purchaser (KP-TEVTA) or its representative shall have the right to inspect and/or to test the goods in accordance with the procedure given in the **SCC** to confirm their conformity to the Contract specifications at no extra cost to the Purchaser (KP-TEVTA).

- 10.2 All costs associated with testing shall be borne by the Supplier.
- 10.3 The Purchaser's (KP-TEVTA) right to inspect, test and, where necessary, reject the goods after the goods either at Supplier's premises or upon arrival at Purchaser's (KP- TEVTA) destinations shall in no way be limited or waived by reason of the goods having previously been inspected, tested, and passed by the Purchaser (KP-TEVTA) or its representative prior to the goods delivery from the point of Supply or manufacturing.

10.4 Nothing in GCC Clause 10 shall in any way release the Supplier from any warranty or other obligations under this Contract.

11. Packing

11.1 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.

12. Delivery and Documents

12.1 The Supplier in accordance with the terms and manner specified in the Schedule of Requirements shall make delivery of the goods.

The Supplier shall furnish all necessary documentation necessary for completion of the delivery, at the time of delivery and in the manner prescribed.

Goods supplied under the Contract shall be Delivered Duty
12.3 Paid (DDP) under which risk is transferred to the buyer after
the Goods have been delivered.

13. Insurance

The supplier shall be solely responsible for Insurance of the Goods subject to the contract.

14. Transportation

14.1 The Supplier shall arrange such transportation of the goods as required to prevent their damage or deterioration during transit to their final destination and in accordance with the terms and manner prescribed in the Schedule of Requirement. All costs associated with the transportation of the goods subject to this contract shall be borne by the Supplier.
14.2

15. Incidental
Services

The Supplier shall be required to provide the incidental services as specified in the **SCC** and the cost of which is included in the total bid price.

16. Spare Parts

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 Purchaser (KP-TEVTA) 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:
- (c) advance notification to the Purchaser (KP-TEVTA) of the pending termination, in sufficient time to permit the Purchaser (KP-TEVTA) to procure needed requirements; and
- (d) Following such termination, furnishing at no cost to the Purchaser (KP-TEVTA), the blueprints, drawings, and specifications of the spare parts, if requested.

17. Warranty

17.1 All goods subject to this contract shall be accompanied by the necessary warranty in the manner prescribed in the **SCC**.

The Purchaser (KP-TEVTA) shall promptly notify the Supplier in

17.2 writing of any claims arising under this warranty.

18. Payment

- 18.1 The purchaser (KP-TEVTA) shall make payments to the Supplier in accordance with the conditions set forth in the Payment Schedule agreed in **SCC** and annexed to this contract.
- 18.2 The currency of payment shall be Pakistan Rupee.

19. Prices

Prices charged by the Supplier for goods delivered under the Contract shall not vary from the prices quoted by the Supplier in its bid and shall remain the same till the expiry of the contract unless the Parties to this contract mutually agree to vary the prices.

20. Change Orders

- 20.1 The Purchaser (KP-TEVTA) may at any time, by a written order given to the Supplier pursuant to GCC Clause 33 for notices, make changes within the general scope of the Contract in any one or more of the following:
 - (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser (KP-TEVTA);
 - (b) the method of shipment or packing;
 - (c) the place of delivery; and/or
 - (d) the Services to be provided by the Supplier.
 - (e) Increase in quantity for concurrent procurement and repeat order where the scale of increase is mentioned in the Bid Data Sheet.
- If any such change causes an increase or decrease in the cost of, 20.2 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 Purchaser's (KP-TEVTA) change order.

21. Contract Amendments

No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the Parties.

22. Assignment

The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Purchaser's (KP-TEVTA) prior written consent.

23. Subcontracts

The Supplier shall not be allowed to sublet and award subcontracts under this Contract.

24. Delays in the Supplier's Performance

24.1 Delivery of the goods shall be made by the Supplier in accordance with the time schedule/supply schedule prescribed by the Purchaser (KP-TEVTA) in the Schedule of Requirements.

24.2 If at any time during performance of the Contract, the Supplier encounters conditions impeding timely delivery of the goods; the Supplier shall promptly notify the Purchaser (KP-TEVTA) 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 Purchaser (KP-TEVTA) 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 an Amendment to the Contract.

25.Liquidated Damages& Penalties

24.3

Except as provided under GCC Clause 24, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages as prescribed in the **SCC**, unless the parties to this contract mutually agree for extension of time.

Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Purchaser (KP-TEVTA) 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 Purchaser (KP-TEVTA) may consider termination of the Contract pursuant to GCC Clause 26.

Applicable rate for penalties in case of a breach of contract by the supplier regarding delivery of Goods is specified in the Supply Schedule in Part-II: Section-III.

26. Termination for Default

The Purchaser (KP-TEVTA), 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 instalments of the goods within the period(s) specified in the Contract and subsequent purchase order, or within any extension thereof granted by the Purchaser (KP-TEVTA) pursuant to GCC Clause 24; or
- (b) If the Supplier fails to perform any other obligation(s) under the Contract.
- (c) If the Supplier, in the judgment of the Purchaser (KP-TEVTA) has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause Corrupt and fraudulent practices means:

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

27. Force Majeure

27.1 Notwithstanding the provisions of GCC Clauses 24, 25 & 26, the Supplier shall not be liable for forfeiture of its Performance Guaranty, or termination/ blacklisting for default if and to the extent that it's delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this clause Force Majeure means an act of God or an event beyond the control of the Supplier and not involving the Supplier's fault or negligence directly or indirectly purporting to misplanning, mismanagement and/or lack of foresight to handle the situation. Such events may include but are not restricted to acts of the Purchaser in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes.

- 27.2 If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser (KP-TEVTA) in writing with sufficient and valid evidence of such condition and the cause thereof. The Purchaser (KP-TEVTA) shall examine the merits of the case and all reasonable alternative means for completion of purchase order under the Contract and inform the Supplier of its findings promptly.
- 27.3 Unless Purchaser (KP-TEVTA) informs the Supplier in writing of its agreement on the application of force majeure, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable alternative means for performance not prevented by the Force Majeure event.

28. Termination for Insolvency

The Purchaser (KP-TEVTA) may at any time terminate the Contract by giving written notice of one-month time to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination shall be without compensation to the Supplier, provided that such termination shall not prejudice or affect any right of action or remedy which has accrued or shall accrue thereafter to the Parties.

29. Termination for Convenience

- 29.1 The Purchaser (KP-TEVTA), 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 Purchaser's (KP-TEVTA) convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.
- 29.2 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 Purchaser (KP-TEVTA) at the Contract terms and prices. For the remaining Goods, the Purchaser (KP-TEVTA) 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.

30. Arbitration and Resolution of Disputes

- 30.1 The Purchaser (KP-TEVTA) 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.
- 30.2 If, after thirty (10) days from the commencement of such informal negotiations, the Purchaser (KP-TEVTA) and the Supplier have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to
 - I. The Grievance Redressal Officer of KP-TEVTA. GRO may resolve the case after interviewing the supplier and procurement section head/Director within 15 days.
 - II. If the supplier is still not satisfied the complaint shall be sent to KP-TEVTA Local GRC (Grievance Redressal Committee) within 10 days. GRC shall send recommendation to Procurement Committee and the Procurement Committee of KPTEVTA may decide the final fate of the complaint.
 - III. If the supplier is still not satisfied the case may be referred to KPPRA and all expenses will be borne by the supplier.
- In case of any dispute concerning the interpretation and/or application of this Contract shall be settled through arbitration under the Arbitration Act of 1940 (As amended from time to time) in a court of relevant jurisdiction as mentioned in the **SCC**.

31. Governing Language

The Contract shall be written in English language. Subject to GCC Clause 32, 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 English.

32. Applicable Law

This Contract shall be governed by the Laws of Pakistan and the courts of Pakistan shall have exclusive jurisdiction.

33. Notices

- Any Notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing and on the others address specified in **SCC**.
- A notice shall be effective when delivered or on the notice's effective date, whichever is later.

34.Taxes, Duties& Levies

34.1 All taxation, duties and levies etc., whether International, Federal, Provincial or Local, shall be borne by the Supplier.

PART-TWO

VARIABLE CONDITIONS OF CONTRACT

SECTION-I: Procurement Specific Provisions	
1. Invitation for Bids (IFB)	36
SECTION-II: Evaluation and Qualification Criteria	
Technical Evaluation Criteria	43
SECTION-III: Schedule of Requirements	59
1. Supply Schedule: Annex-A	61
2. Price Schedule submitted by the Bidder: Annex-B	64 CF
Purchaser's Notification of Award: Annex-C Purchase Order: Annex-D	65 66
5. Payment Schedule: Annex-E	67
6. Distribution Plan for Health Institutions: Annex-F	68
SECTION-IV: Standard Forms	69
(a) Bid Cover Sheet	
(b) Bid Form-1: Letter Of Intention	
(c) Bid Form-2: Affidavit	
(d) Bid Form-3(A): Eligibility of Bidders & Goods	
(e) Bid Form-3(B): Manufacturer's Authorization Form	
(f) Bid Form-4: Firm's Past Performance	
(g) Bid Form-5: Price Schedule	
(h) Bid Form-6: Performance Guarantee	
(i) Draft Contract Agreement Form SECTION-V: Eligible Countries	83

Part Two Section I. **Invitation for Bids**

NOTICE INVITING TENDER

The Khyber Pakhtunkhwa Technical Education & Vocational Training Authority (KP-TEVTA) invites e-bids through EPADS (E-PAK Acquisition Disposal System) under National Competitive Bidding from Authorized suppliers/Manufacturers for the Purchase of Training Equipment Packages under the following projects.

S.No	Name of Project/Institute	Packages/BOQs	Location	Bid Submission/Opening Date & Time
1	Strengthening of IT Lab at Government Technical and Vocational Center (GTVC) Yar Hussain, Swabi (RETP Project)	IT /Computer Lab Equipment's	GTVC Yar Hussain Swabi	
2	Upgradation of Government Technical and Vocational Boys Center Swat Mingora to the Level of Center of Excellence (CoE) (RETP Project)	Computer Lab/IT Equipment's, Hospitality & Tourism Lab equipment's etc.	GTVC (B) Mingora Swat	24-09-2025 Sub: 11:00 AM Opening: 11:30 AM
3	Upgradation of Government Technical and Vocational Center BOYS Dera Ismail Khan to the Level of Center of Excellence (CoE) (RETP Project)	Computer Lab/IT Equipment's ,Agriculture Machinery& Operation, Farm Machinery, Livestock & Dairy Management equipment's etc.	GTVC (B) D.I.Khan	

TERMS & CONDITIONS

- 1) E-Bids are invited from Authorized suppliers/Manufacturers under <u>Single Stage</u>, <u>Two Envelop</u> procedure. Bids completed in all respect should submit online through KP-PPRA EPADS system on or before above mentioned dates and time. The e-bids will be opened on the same day by the Procurement committee in the presence of bidders/Representatives who want to attend. Incomplete & Bid submitted after due date & time shall not be entertained.
- 2) The Procurement shall be conducted through EPADS (E-PAK Acquisition Disposal System). Manual bids shall not be accepted.
- 3) E-Biding documents containing detailed terms & conditions, Schedule of Requirement (list of Equipment along with Specifications) and Bid Solicitation documents are available for the registered bidders on EPADS at https://kp.eprocure.gov.pk. Bidders shall submit e-bids only through EPADS.
- 4) The Items/Equipment must have Minimum Specification acceptable to the Technical Committee of KP-TEVTA; however, the higher specification and branded items may be acceptable.
- 5) Sale tax, Income Tax and any other taxes / Duties Levied against the package shall be deducted at prescribed rate as per Government Policy.
- 6) The Bid Processing fee @ Rs. 2000/- (Non-Refundable) through pay order or CDR in Bank of Khyber (A/C Title MD KP-TEVTA Fund) A/C # 3004607348, KTH Branch, Peshawar and will be submitted separately on Firm's letter head. Otherwise bid will be considered non-responsive.
- 7) Bidders shall enclose 2% of the Bid Value as Bid Security in the form of Call Deposit Receipt (CDR). Pay Orders will not be accepted as bid security.
- 8) Successful bidders shall submit 10% Performance Guaranty through CDR. Performance Guarantee will be released after successful Completion of the quoted/qualified warranty period.
- 9) The rates shall be on FOR basis and stores must be delivered to the specified location as mentioned in Purchase Order (PO).
- 10) Bid validity period will be applicable for fiscal year 2025-26 and can be extended by mutual consent in case of force majeure or if required.
- 11) The bidder will be responsible for standard local warranty given by the manufacturer where applicable.
- 12) The Competent Authority reserves the right to increase or decrease the quantity of items as per availability of budget mentioned in the Bid Data Sheet of the BSD.
- 13) The Competent Authority reserves the right to reject any or all the bids as per KPPRA rules with cogent reason.
- 14) Any other condition(s) included in KPPRA rules 2014, besides the above shall also be applied on the bidders.

Section I:

Procurement Specific Provisions Bid Data Sheet (BDS)

ITB Ref	Description	Detail		
ITB Clause 1.1	Bid reference number	KP-TEVTA/Tender/09-2025		
ITB Clause 2.1	Name of Client & Source of funds	Khyber Pakhtunkhwa-TEVTA, Industries Department, Government of Khyber Pakhtunkhwa Peshawar		
ITB Clause 3.1	Name of Goods	Purchase of Machinery, Equipment & other Package as in Schedule of Requirements (SoR)		
ITB Clause 6.1	Commencement date of provision of Bidding Document	Online on E-PADS from 05/09/2025		
ITB Clause 6.1	Closing date of issuance of Bid documents	24/09/2025, 11:00 am		
ITB Clause 7	Bidding for Selective Package wise Bid	Applicable		
ITB Clause 9.1	Bidding procedure	Single Stage–Two Envelopes bidding procedure		
ITB Clause 9.2	Method of determining Lowest evaluated Bidder	Technically Qualified Responsive bid based on 70% & above and Financially Lowest bid		
ITB Clause 11.1	Clarification(s) on Bidding Documents	Director Procurement, Khyber Pakhtunkhwa TEVTA		
ITB Clause 13	Language of bid	English		
ITB Clause 14.2	Specific Description of Goods in the Bidding Documents	SoR published online with the Tender documents		
ITB Clause 15.4	Bid Price	Bid Price of Package shall be inclusive of all duties, taxes & levies.		
ITB Clause 16	Currency of Bid	PKR		
ITB Clause 18	Name of the Bid Form (Primary documents)	BID COVER SHEET BID FORM 1: Letter of Intention BID FORM 2: Affidavit BID FORM 3(A): Eligibility of the Bidders & Goods BID FORM 3(B): Manufacturer's Authorization BID FORM 4: Firm's Past Performance BID FORM 5: Price Schedule BID FORM 6: 2% CDR of Bid Security		
ITB Clause 18.2	Technical Bid Proformas	Sample Technical Bid Proformas		

BSD's for Khyber Pakhtunkhwa Technical Education & Vocational Training Authority (KP-TEVTA)

ITB Clause 20 ITB Clause 21	Amount of Bid Security / Earnest Money Bid validity period	The Bidder shall furnish, as part of its bid, a Bid Security/Earnest Money equivalent to 2% of the overall bid price in a project(s) in the name of Managing Director KP-TEVTA, Peshawar FY-2025-26		
TIB Clause 21	Bid validity period	11-2025-20		
ITB Clause 24	Last date and time for the receipt of bidding document	24/09/2025, 11 am		
ITB Clause 27	Date, time and venue of opening of technical bids	29/09/2025, 11:30 am		
ITB Clause 40.5	Duration of Contract	180 days or if extended after mutual consent.		
ITB Clause 41.1	Performance Guaranty	The Performance Security shall be 10 % of the total bid contract price quoted and shall be submitted in the name of Managing Director, KP-TEVTA in the form of CDR only.		
GCC Clause 20 & SCC Clause 12	Increase in Quantity / Repeat Order	Repeat Order as per KPPPRA Rules 2014 to the scale of available budget for the concurrent procurement may be issued by KP-TEVTA, for which the supplier shall be bound to sign contract and submit Separate 10% PG of the repeat order.		

Part-Two Section I:

Procurement Specific Provisions

Special Conditions of Contract

Table of Clauses

1. Definitions (GCC Clause 1)	40
2. Country of Origin (GCC Clause 3)	40
3. Standards regarding Performance & Conformance	40
4. Performance Security (GCC Clause 7)	40
5. Inspections and Tests (GCC Clause 10)	40
6. Packing (GCC Clause 11)	40
7. Delivery and Documents (GCC Clause 12)	41
8. Insurance (GCC Clause 13)	41
9. Warranty (GCC Clause 17)	41
10. Payment (GCC Clause 18)	42
11. Change Orders (GCC Clause 20)	42
12. Liquidated Damages & Penalties (GCC Clause 25)	42
13. Resolution of Disputes (GCC Clause 30)	42
14. Governing Language (GCC Clause 31)	43
15.Applicable Law (GCC Clause 33)	43
16. Notices (GCC Clause 34)	43

Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract (GCC). 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 Purchaser is: KP-TEVTA , Khyber Pakhtunkhwa	
GCC 1.1 (h)—The Supplier is:	

2. Country of Origin (GCC Clause 3)

All countries and territories as indicated in **Part Two: Section V** of these Bidding Documents, "Eligibility for the Provisions of Goods, Works, and Services."

3. Standards (GCC Clause 4)

GCC 4.1—The quoted product, at the time of delivery, shall conform to the standards as prescribed in the Technical Evaluation Criteria. The said conformance shall lead to subsequent issuance of the Acceptance Certificate to the Supplier by the Purchaser.

4. Performance Security (GCC Clause 7)

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

The following provision shall be used in the case of Goods having warranty obligations.

GCC 7.4—After delivery and acceptance of the Goods, the Performance Security shall be returned after successful completion of the contract in accordance with Warranty Clause GCC 17.1.

5. Inspections and Tests (GCC Clause 10)

GCC 10.3—Inspection and tests of goods/delivery and at final acceptance are as follows: **Final Acceptance by the Technical/Inspection Committee**

6. Packing (GCC Clause 11)

Applicable as required by the Purchaser.

7. Delivery and Documents (GCC Clause 12)

GCC Clause 12.1—Delivery of the intended Package in the destination districts of the Khyber Pakhtunkhwa shall be **120 Days** for Goods.

GCC 12.2—In case of Import or as required otherwise, upon shipment, the Supplier shall notify the Purchaser 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 Purchaser:

- (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 way bill, 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 Entity, and the Supplier's factory inspection report; and
- (vii) Certificate of origin.

GCC 12.2—Applicable Delivery Mode: Delivered Duty Paid (DDP) of Inco terms 2011

8. Insurance (GCC Clause 13)

GCC 13.1— The Goods supplied under the Contract shall be **Delivered Duty Paid (DDP)** under which all the risk is transferred to the buyer / concerned Institution only after the intended goods have been delivered to their desired destination. Hence insurance coverage is seller's responsibility for arranging appropriate coverage.

9. Spare Parts (GCC Clause 16)

After sale service with spare parts shall be 3 years (if applicable)

10. Warranty (GCC Clause 17)

GCC 17.2—Warranty with repair & spare parts shall be three (3) years (if applicable). The Supplier shall, in addition, comply with the guarantees associated with the performance and/or conformance specifications 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 <u>in order to attain the contractual quarantees specified in the Contract at its own cost and expense and to carry out further performance / conformance tests in accordance with GCC Clause</u>

OR

(b) Pay liquidated damages to the Purchaser with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be **0.07% per day** or **1%** per week upto a maximum of **10%**. of the total Contract price.

11. Payment (GCC Clause 18)

GCC 18.1- 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** through **crossed cheque** in the following manner:

100 percent of the Contract Price of the Goods shall be <u>paid to supplier</u> <u>after delivery & inspection</u> <u>by the Inspection Committee of intended goods at destination or, in case of any import, through irrevocable confirmed letter of credit opened in favor of the Supplier for supplying in Client's country, upon submission of documents specified in GCC Clause 12.</u>

100% payment shall be made as a one-time payment after the delivery, installation, inspection and Acceptance Certificate issued by the Client/Institutes.

In case of an import, payment of local currency portion shall be made in Pak Rupees within <u>thirty (30)</u> <u>days of presentation of claim</u> supported by a Certificate from the Purchaser declaring that the Goods have been delivered and accepted and that all other contracted Services have been performed.

12. Change Orders

The procurement entity may increase/decrease the quantity or issue <u>repeat orders as per KPPPRA Rules</u> <u>2014</u> subject to the availability of budget, with notice to the successful bidder.

13. Liquidated Damages (GCC Clause 25)

GCC 25.1—Applicable rate: 0.07% per day of the total Contract price/Purchase Order Maximum deduction: ≤ 10% of the total Purchase Order(s)

14. Disputes Resolution (GCC Clause 31)

GCC 31.3- the dispute resolution mechanism to be applied pursuant to GCC Clause 31.2 shall be as follows:

In the case of a dispute between the Purchaser and the Supplier, the dispute shall be referred to GRO, GRC of KP-TEVTA as per **Khyber Pakhtunkhwa Public Procurement Grievance Redressal Code/Rules 2017.**

15. Governing Language (GCC Clause 31)

GCC 31.1—The Governing Language shall be: English

16. Applicable Law (GCC Clause 32)

GCC 32.1-The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan, which includes the following legislation:

- Khyber Pakhtunkhwa Public Procurement of Goods, Works & Services Rules 2014
- Khyber Pakhtunkhwa Public Procurement GRR 2017

17. Notices (GCC Clause 33)

GCC 33.1—Purchaser's address for notice purposes:

Director, Procurement Khyber Pakhtunkhwa Technical Education & Vocational Training Authority, Khyber Pakhtunkhwa, Phase-7, Sector E-8, Near Hajj Complex Hayatabad Peshawar

Telephone(s): +92-91-9219143

Email: <u>dir-proc@kptevta.org.pk</u>
Website: <u>www.kptevta.gov</u>.pk

18. Duties, Taxes & Levies (GCC clause 34)

The Unit price quoted by the bidder shall be: **inclusive** of all duties, taxes & levies.

Evaluation Criteria:

<u>Technical Evaluation Criteria for Machinery/Equipment/Tools</u> <u>Financial Year 2025-26</u>

(Minimum Qualifying Marks Score = 70 % Marks)

NOTE:

For further details of evaluation criteria and marking scheme, please see section on proformas in these SBDs.

tnese SBDs.			
Firm Name:			
Bid Reference No			

S. No.	Description of Variables	Total points	Remarks
Α.	Product Evaluation Parameters		
1	Product General Information		
1.1	Ref. No of item in SBD Schedule of Requirement		
1.2	Name of Equipment		
<u>2</u>	Conformance To Specification		
2.1	Fully compliance with the required specifications as per statement of Requirement (Up to a maximum no of four Minor deviations may be accommodated subject to the condition that main function and performance in any aspect Would not affect. However, up to four marks will be deducted).	40	
2.2	Additional features of the product/ Spares/ Accessories	5	
<u>3</u>	Product Certification		
3.2	Certificate of Authorization from Manufacturer / CE	5	
3.4	Weightage for Khyber Pakhtunkhwa Local Facility in Peshawar	2	
<u>4</u>	Product Local Performance		

	Catalogue/ Broucher available	4	
4.2			
4.3	Warranty Period three years both with spare parts and services & next two year services without parts, from the date of installation	4	
Total so	core of the Product Evaluation	60	
<u>B</u>	Firm Evaluation Parameters		
5	<u>Experience</u>		
5.1	Technical Experience of the Firm, Year of establishment (up to 5 Years 0.5 Point per year and above 5 Years 0.25 points per year up to 2 Years)		
6	Financial Stability		
6.1	Minimum Funds Available, Minimum Funds availability(3point for 10% of bid value and 5 point for above 10%)		
6.2	Net worth statement 3 Years, net worth statement (last 3 years data) (1 point upto 50 M per year and one point for above Rs: 50 M per Year) total 5	5 (13)	
<u>7</u>	Personnel/Human Resource		
7.1	Simple Technician (one point per tech; Max point = 3	3 (16)	
7.2	Associate Engineer with Diploma of Associate Engineer (one point per DAE; Max point = 3)	3 (19)	
7.3	Graduate Engineer/BTech (one point per Engr.; Max point = 3)	3 (22)	
8	Workshop facility Testing/Calibration of Equipment	<u> </u>	
8.1	Availability of workshop after sales services in Khyber Pakhtunkhwa	3 (25)	
8.2	Availability of workshop at National/country level	3 (28)	
8.3	Is the supplier ensure the Training Facility on the quoted item (should give certificate in writing)	3 (31)	
8.4	Detail of Spare parts availability (for the quoted Package) with all accessories (should give certificate in writing)	3 (34)	
8.5	Testing tools (for quoted Package) with all accessories (should give certificate in writing)	3 (37)	
9	Manufacturer Performance	•	
9.1	Valid ISO 12001 Quality Management Certificate/ Valid Product Certification (i.e, CE etc)	3 (40)	
В	Total Score of the firm.	40	
A+B	Total Technical passing Score	70 out of 100	
		1	

The bidder achieving the minimum of 70 marks (i.e.70%) out 100 marks and Technical Evaluation will be declared technically qualified. Financial bid of only technically qualified bidder will be open publically at the time to be announced by KP-TEVTA. The financial bid of technically disqualified will be returned un-opened to the respective bidders.

Total Technical Score - 100:

Note: The procuring entity reserve the right to visit the printer's premises / warehouse of the bidders by the team of experts to verify the information / details mentioned by the bidders; if deems necessary.

Section V. Technical Specifications (Continued) Financial Evaluation for Bids

Technically qualified bidders are those who secure 70% marks, technically qualified bidders will then compete for financially lowest rate. Contract will be awarded to technically qualified/ responsive and financially lowest bid rate. Financially Lowest bids will qualify subjected to the satisfaction of Procurement committee.

The financial bids of technically qualified bidders will be opened publicly at the time to be announced by the Procuring Agency and the financial bids found technically non-responsive shall be returned un-opened to the respective Bidders.

Scoring Methodology:

Contract will be awarded to the technically responsive bidder whose product ranks 70% and above in technically Evaluation scoring, However technically responsive and passed will be considered for opening of financial bids and lowest bid rate among all technically successive bidders will be considered for contract awarding.

The Evaluation Methodology is a combination of non-price factors (in Technical Criteria) for passing and price factor (in Financial Criteria); lowest bid rate for contract awarding and each having points as elaborated in the evaluation proformas provided in these SBD's.

Procedure for the Marks Scoring: Marks will be awarded or otherwise for various technical parameters to each quoted product based on the prescribed Technical criteria.

SECTION-III

STANDARD FORMS

BID COVER SHEET (On firm's letterhead)

BID FORM 1: Letter of Intention (On firm's letter head)

BID FORM 2: Affidavit (Stamp Paper)

BID FORM 3(A): Eligibility of the Bidders & Goods (letterhead) BID

FORM 3(B): Manufacturer's Authorization (Firm's letterhead) BID

FORM 4: Firm's Past Performance (On firm's letterhead)

BID FORM 5: Technical Bid Performa

BID FORM6: Price Schedule (on Firm's letterhead)

BID FORM 6: Performance Guarantee (firm's letterhead)

BID FORM 7: Contract Agreement Template

package BID COVER SHEET

Bid Ref. No			Date			
Name of the Supplier/Firm Contractor:						
	Address:					
E-mail:						
Phone:	[acsimile:				
Bid Security.						
Bid Security atta Bid for:	ached with Financial Bid	YES	NO			
: All Package me	entioned in the Schedule of Rec	quirements.				
List of Selected	• ,	s opted to bid	for Selected Package, please type . Use additional Sheets if Required)			
S. No.	, ,	Name of the	Item			
Signed:						
Dated:						
Official Stamp:						
Attachment ³ :	Original receipt for the	purchase of th	ne bidding documents.			

 $^{^{1.}}$ In case a bidder is bidding for only some of the Package mentioned in the list Technical Specifications, he is advised to take note of ITB Clauses 7 & 15.6

^{2.} The Serial No. of the item as mentioned in the Technical Specifications.

^{3.} The Attachment must be made with the Bid Cover Sheet.

BID FORM 1

Bid Ref No.

Date of the Opening of Bids

Letter of Intention Name of the Contract: { Add name e.g. Printing} To: [Name and address of Procuring Entity] Dear Sir/Madam,

Having examined the bidding documents, including Addenda Nos. [insert numbers& Date of individual Addendum], the receipt of which is hereby acknowledged, we, the undersigned, offer to supply and deliver the Goods under the above-named Contract in full conformity with the said bidding documents and at the rates/unit prices described in the price schedule or such other sums as may be determined in accordance with the terms and conditions of the Contract. The above amounts are in accordance with the Price Schedules attached herewith and are 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 undertake to provide a performance security/guaranty in the form, in the amounts, and within the times specified in the bidding documents.

We agree to abide by this bid, for the Bid Validity Period specified in the Bid Data Sheet and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.

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

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

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in Pakistan.

We confirm that we comply with the eligibility requirements as per ITB clauses 18 &19 of the bidding documents.

Dated this [insert: number]day of [insert: month], [insert: year].

Signed:

In the capacity of [insert: title or position]
Duly authorized to sign this bid for and on behalf of [insert: name of Bidder]

BID FORM 2

AFFIDAVIT

I/We, the undersigned solemnly state that:

- 1) We have read the contents of the Bidding Document and have fully understood it.
- 2) The Bid being submitted by the undersigned complies with the requirements enunciated in the bidding documents.
- 3) The Goods that we propose to supply under this contract are eligible goods within the meaning of Clause 18 of the ITB.
- 4) The undersigned are also eligible Bidders within the meaning of Clause 19 of the ITB of the Standard Bidding Documents.
- 5) The undersigned are solvent and competent to undertake the subject contract under the Laws of Pakistan.
- 6) The undersigned have not paid nor have agreed to pay, any Commissions or Gratuities to any official or agent related to this bid or award or contract.
- 7) The undersigned are not blacklisted or facing debarment from any Government, or its organization or project.
- 8) The undersigned has no dispute anywhere in the province regarding supplies.

We affirm that the contents of this affidavit are correct to the best of our knowledge and belief.

Signed

Note: The affidavit must be on judicial stamp paper by the Executive of the Firm & attested by Oath Commissioner.

BID FORM 3(A)

Name of the Firm	
Bid Reference No:	

Date of opening of Bid.

Documentary Evidence: Eligibility of the Bidders and Goods

Required Documentation (To Be Filled by the Procuring Entity)	Checklist ⁴ (To be initialed by the Bidder against each document)	Relevant Page Number ⁵ in the Bid (To be filled by the Bidder)	Supporting Documents (To be filled by the Bidder with name of the documents that are submitted to meet the requirement)
Column:1	Column:2	Column:3	Column:4
Valid Manufacturing License			
Valid Registration(s) of quoted Package			
Valid Import License			
(where applicable)			
Letter of Manufacturer's Authorization			
Partnership Deed (where applicable)			
NTN Certificate			
GST Certificate			
Letter of Intention			
Affidavit			
One year experience evidence			
Child Labour			
Free Certificate ⁷			
Original Receipt of			
purchase of Bidding			
Documents			

should be left blank.
Bidders are required to mention the exact page number of relevant document placed in the Bid.
Bidders are advised to attach all Supporting documents with this form in the order of the requirement as mentioned in

column 1^7 Bidders are required to furnish a certificate to the effect that their firm is free from child labor and having standard child labor free policy

⁴ Bidders should only initial against those requirements that they are attaching with the form 3(a). In case they do not have any document to attach the corresponding cell in column 2 should be left blank.

BID FORM 3(B) MANUFACTURER'S AUTHORIZATION⁸

To: [Name &Address of the Procuring Entity]

WHEREAS [name of the Manufacturer] who are established, reputable manufacturers of [name and/or description of the goods] having factories at [address of factory] do hereby authorize [name and address of Supplier/ Agent] to submit a bid, and subsequently negotiate and sign the Contract with you against the Invitation for Bids (IFB) No. [Reference of the Invitation to Bid] for the 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:
Designation:
Official Stamp:

⁸This 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.

BID FORM 4

	Firm's Past Performance ⁹ .
Name of the Firm: Bid	
Reference No:	
Date of opening of Bid:	
Assessment Period: (One Year as p	er Evaluation Criteria)

Name of the Purchaser/Institution	Purchase Order No.	Description Of Order	Value of Order	Date of Completion	Purchaser's ¹ 0 Certificate

 $^{^9}_{\ 10}$ Bidders may use additional Sheets if required.

BID FORM 5

Technical Bid Performa

(To be provided to the Procuring Entity)

User Note:	This form is to be filled by the Bidder and shall submit with Technical Proposal to the.
Name of the	Firm:
Bid.Ref.No:	

Date of opening of Bid.

Sr. #	Nomenclature of Equipment along with accessories and Specifications	Country of Origin	Model/Make Offered	Quantity	Remarks
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

Signature:
Designation:
Date:

Price Schedule

(To be provided to the Procuring Entity)

BID FORM 5

User I	Note: This form is to be filled by the Bidder and shall submit with Financial Proposal to the.						
Name	of the Fir	m:					
Bid.Re	ef.No:						
Date	of opening	g of Bid.					
S. No.	Name of	the Item	Unit Price (inclusive all taxes)	No. of Units /Qty	Total Price	Discounts (if any)	Final Total Price (Inclusive of all taxes)
1	2	2	3	4	5 3*4	6	7 5-6
1							
2							
			TC	OTAL			
			B)	DISCOUNT	1:		
	C) FINAL QOUTED PRICE: (C=A-B)						
Signature:							
Designation:							
	Date:						
				Officia	l Stamp:		

 11 If a Bidder does not wish to offer an item wise discount but intends to offer an overall discount

to its quoted price that should be mentioned here.

BID FORM 6 Performance Guarantee

2% CDR of the Total Bid Value

Contract Agreement Template (2025-26)

CONTRACT AGREEMENT KP-TEVTA VS M/S SUPPLIER NAME

This contract agreement is made on and agreed today	y on <mark>dd-mm-yyyy</mark> between Khyber Pakhtunkhwa Technical
Education & Vocational Training Authority (Hereinafter	r referred to as the Procuring Entity or the first party) and <mark>SUPPLIER</mark>
NAME having its registered office at	through Name supplier / Owner With CNIC No xxxxx-xxxxxxxx-
x (Hereinafter referred as the Supplier or the second p	party) that: WHEREAS the Procuring Entity has made a bidding
competition for selection of Supplier for the Project ;	

"Project Name from the Purchase Order".

The Procuring Entity & Supplier are collectively called the "parties". However, procuring entity is desirous that certain supply as mentioned in the following Purchase orders should be executed by the Supplier and has accepted a bid by the supplier for the execution and completion of the following supply and the remedying of any defects therein.

S.	Purchase Order Reference with date	PO	Performance
No	under this project	Cost	Guarantee
		(Rs)	CDR amount (Rs)
1			

The Procuring Entity and supplier agreed on the following terms & conditions;

1. The CONTRACT:

The following documents after incorporating addenda, if any, except those parts relating to instructions to bidder shall be deemed to form and be read in construed as integral part of this contract, viz:

- a) Bid Solicitation Document
- b) Purchase orders for the Procurement
- 2 <u>Interpretation:</u> In this Contract words and expressions shall have the same meanings as are respectively assigned to them in the General Conditions of this Contract hereinafter referred to as "Contract":
- 3. **Term of the Contract:** This contract shall remain valid for 120 days from the date of signing including any extension granted by the PAO/Competent Authority or unless amended by mutual consent.
- 4. The Supplier declares as under:
- i. <u>SUPPLIER NAME</u> hereby declares that it has not obtained or induced the procurement of any Contract, right, interest, privilege or other obligation or benefit from the Government of Khyber Pakhtunkhwa or any administrative subdivision or Entity thereof or any other entity owned or Controlled by it (Government of Khyber Pakhtunkhwa) through any corrupt business practice.
- Without limiting the generality of the foregoing, **SUPPLIER NAME** 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 including the procurement of a Contract, right interest, privilege or other obligation or benefit in whatsoever form from Government of Khyber Pakhtunkhwa, except that which has been expressly declared pursuant hereto.
- iii. <u>SUPPLIER NAME</u> certifies that has made and shall make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with Government of Khyber Pakhtunkhwa and has not taken any action or shall not take any action to circumvent the above declaration, representation or warranty.
- iv. **SUPPLIER NAME** accepts full responsibility and strict liability for making any false declaration, not making full disclosure,

SBDs for Khyber Pakhtunkhwa Technical Education & Vocational Training Authority (KP-TEVTA)

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 right and remedies available to Procuring Entity under any law, Contract or other instrument, be voidable at the option of Procuring Entity.

- v. Notwithstanding any rights and remedies exercised by Procuring Entity in this regard, <u>SUPPLIER NAME</u> agrees to indemnify Procuring Entity for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to Procuring Entity in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by <u>SUPPLIER NAME</u> 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 Procuring Entity.
- vi. In case of any dispute concerning the interpretation and/or application of this Contract shall be settled under the Grievance Redressal Code 2017 KPPRA (As amended from time to time).
- 5. Package to be Supplied & Agreed Unit Cost: (i) The "SUPPLIER NAME" shall provide to the procuring entity "Khyber Pakhtunkhwa Technical Education & Vocational Training Authority" the Package on the agreed cost more specifically described in the Price Schedule Submitted by the Bidder and acceptable to by the procuring entity.
 - (ii) Each Package supplied shall strictly conform to the Schedule of Requirements in SBD and to the Technical Specifications acceptable to the Technical Committee of the procuring entity.
 - (iii) The Unit Cost agreed in the Price Schedule in purchase order is inclusive of all Taxation and costs associated with transportation and other agreed incidental costs.
- 6. **Payments:** The Procurement Entity hereby covenants to pay the Supplier in consideration of the provision of the Goods, as specified in the Purchase Orders in accordance with the Technical specifications submitted by the Supplier, the amount against the delivered Package after favorable inspection report of the delivered Package.
- 7. Mode of Payment: All payments to the Supplier shall be made through Crossed Cheques issued in the name of M/S SUPPLIER NAME
- 8 **Payment Schedule:** All payments to the Supplier shall be made in accordance with the SCC & agreed Payment Schedule in purchase order or in the SBD, upon satisfactory completion of delivery and fulfillment of documentary and Codal formalities highlighted in the Payment Schedule after complete delivery.

9. **Performance Guarantee:**

- i) The Supplier, within 15 days upon signing the Contract shall provide to the procurement entity a <u>Combined Performance Guarantee</u> against each Purchase Order in the project, mentioned in the table separately in the form of CDR. This CDR shall be released to the Supplier upon successful completion of the warranty period.
- ii) Supplier's Bid Security already submitted with the Bid shall only be released upon satisfactory submission of a Performance Guarantee CDR in accordance with sub-clause (9-i) above.
- iii) Failure to submit a Performance Guarantee CDR shall result into forfeiture of Bid Security in favor of the Government and Cancellation of Purchase Order/LoA.

10. Penalties/Liquidated Damages

- i) The Package must be supplied within 120 days after issuance of this purchase order, in case;
- a. Completely Failure in delivery in 120 days; the Performance Guarantee will be forfeited completely However, the Managing Director KP-TEVTA may grant extension in delivery schedule on the written request of the supplier provided that the request is not latent than 15 days' post schedule with valid reasons with evidences from the supplier.
- b. No penalty will be imposed on delivery of Package within 120 days. Package delivered after 120 days will be penalized @ 0.07% per day or 0.5% per week of Purchase Order but not exceeding the Performance Guarantee.

SBDs for Khyber Pakhtunkhwa Technical Education & Vocational Training Authority (KP-TEVTA)

- c. Packages supplied within time but rejected by Inspection Committee, will be replaced within 30 days of the inspection date without penalty and beyond 30 days with penalty@ 0.07% per day or 0.5% per week of Purchase Order but not exceeding the Performance Guarantee and in lined with Para 10.(i)a.
- d. Wherein the Supplier fails to make deliveries as per this contract (and any other contract as result of negotiation between parties), the Contract to the extent of un-delivered portion of supplies shall stand cancelled, the amount of Performance Guarantee to the extent of un-delivered portion of supplies shall be forfeited, beside it, the Procurement entity may have the right to debar/blacklist the supplier for 3 years from participation in any Tender in this Authority or damages may be claimed equivalent to the breached contract amount in favor of the Authority.
- 11. **Force Majeure:** In case of delay due to **Force Majeure**, the KP-TEVTA and **SUPPLIER'S NAME** shall be liable to implement Clause 27 of the SBD.
- 12 **Correspondence & Authorized Persons:** All notices and correspondences incidental to this contract shall be in English language and shall be addressed to the Procurement Entity on the following address;

KHYBER PAKHTUNKHWA Sector E-8, Phase-7 Near Hajj Complex Hayatabad Peshawar Web:www.kptevta.gov.pk

(Authorized Persons of the Suppliers with Designations)

IN WITNESS Whereof; the Parties hereto have caused this Contract to be executed at KP-TEVTA Head Office, Peshawar and shall enter into force on the day, month and year first above- mentioned.

(DD-MM-YYYY)

IN WITNESS WHEREOF, the parties hereto have caused this Agreement to be executed on the day and year written above.

On Behalf of the 'SUPPLIER'S NAME'

on Behalf of the 'Khyber Pakhtunkhwa TEVTA'

Name:	Name:			
Contractor/Owner:	Managing Director, KP-TEVT			
CNIC:	CNIC:			
Witness from Contractor				
Witness 1of the 'Second Part'	Witness 1 of the 'First Party'			
Name:	Name:,			
	Director (Proc) KP-TEVTA			
CNIC:	CNIC:			

SECTION-IV

Schedule of Requirements

• Detail Annexed below

Supply Schedule:

Annex-B

Mode of Penalty 100% Quantity as per Purchase Order		Total delivery period
Without penalty	120 days	120 days
With penalty @ 0.07 % per day after 120 days of Purchase Order	After 120 days	120 days

Note: The total delivery period include opening of Letter of Credit (if any), transportation from manufacturer's destination to the Purchaser's Country Port, custom clearance and inland transportation from Purchaser's Port to the end destination (districts). Installation, commissioning, test-run, relevant staff training and initial maintenance are NOT included in the delivery period. However, payment to the supplier will be subject to satisfactory report by the Inspection Team.

District wise details of goods are given at Section III (List of Package).

b). Liquidated Damages / Penalty

- i) Wherein the Supplier entirely fails to complete deliveries as per purchase order and within the stipulated time frame specified in the Schedule of Requirements, the Contract to the extent of non-delivered portion of supplies shall stand cancelled.
- ii) After the cancellation of the Contract no supplies shall be accepted and the amount of Performance Guaranty/ Security to the extent of non-delivered portion of supplies shall be forfeited.
- iii) If the Supplier fails to supply the whole consignment and not able to deliver to any destination, the entire amount of Performance Guaranty/ Security shall be forfeited to the Government account and the firm shall be blacklisted minimum for two years for future participation.
- iv) The exact time frame for making supplies with and without penalty shall be indicated in subsequent purchase orders.
- v) In case of late delivery of goods beyond the periods specified in the Schedule of Requirements and subsequent purchase order, a penalty @ 0.07% per day of the cost of late delivered supply shall be imposed upon the Supplier
- vi) Extension in the delivery period (if any) will be considered by the Purchaser on case-to-case basis and strictly in accordance with Rule 35(2) of KPPRA Procurement of Goods, Works and Services Rules, 2014.

c) <u>Incidental Services</u>

The bidders are required to either incorporate or quote separately the costs of following incidental services being part of the contract, if applicable.

- **Transportation:** Equipment and supplies will be delivered up to the place of installation / final destination by the bidder at his cost and mode of transportation including loading / unloading.
- i) <u>Insurance</u>: All insurance charges will be borne by the supplier.
- **ii**) <u>Custom Clearance</u>: Equipment and supplies will be cleared (from airport/seaport) customs department by the supplier and charges/duty/taxes if any will be paid by the supplier.
- iv) <u>Installation</u>: Supplier will install the equipment at the designated place of work, free of charge, give test-run and if required, will impart on job training.
- v) <u>Test-Run / Commissioning</u>: Equipment will be subjected to test-run after commissioning.
- **vi**) <u>Staff Training</u>: Where required, on job training to be provided to working staff on the equipment to be supplied / installed.
- vi) <u>Initial Maintenance:</u> Supplier will be responsible for initial maintenance of the equipment (repair and parts), for THREE complete years starting from the date of installation/test-run.
- **Availability of Spare Parts and Consumables:** Supplier will guaranty through reliable means, acceptable to Purchaser, prompt and easy availability of spare parts & consumables for the period of FIVE years (apart from initial three years as in clause **vii** above), on reasonable rates.
- ix) After Sales Service: Supplier will provide free after sales service from trained and qualified technical staff, free of charge for five complete years (including three years with parts as mentioned above in clause vii), after the date of installation / test-run.

d) Warranty

The supplier/original manufacturer will provide comprehensive warranty (on Judicial Paper) of free after sales service, maintenance, replacement of parts, and working of the equipment for **three years** from the date of installation/test-run.

d) Additional instructions(If applicable)

- i. Please clearly indicate the country of origin, wholly or parts, etc.
- ii. Indicate place/port of shipment.
 - iii. Any state licensing or permission of export/sales/use requirements will be the responsibility of the supplier/manufacturer. KP-TEVTA will not be responsible for any refusal, penalty or delay in this regard.
 - iv. Complete literature on working, installation, circuiting, maintenance to be provided in English language, with the equipment.
 - v. Comprehensive training of working of the equipment and normal/minor repair, trouble-shooting will be arranged by the supplier/ manufacturer, for at least two working staff, (doctor/technician) at the manufacturers location, prior to shipment/ installation (for complex and high tech equipment).



KHYBER PAKHTUNKHWA

Sector E-8, Phase-7 Near Hajj Complex Hayatabad Peshawar Web:www.knteyta.gov.n.k



Web:www.kptevta.gov.pk LOA/Purchase Order (PO) as per Para- (4) of DoP KP-TEVTA No.KP-TEVTA/Proc/ Date: **Project Name:** TRADE/SUB-TRADE Technology/Trade Name **Supplier/Contractor Name:** Address: Fax/Email: Telephone: **Contact Person: Delivery Details Deliver to (Address):** Government College of Technology Kohat **Deliver /Completion Time:** As prescribed is Para-(4) of this Purchase Order **Warranty Period: AS PER TECHNICAL PROPOSAL OF THE SUPPLIER Special Instructions (If Any):** Package/Tools/Equipment/Machinery shall be supplied as per Technically approved Specifications/Model, in case of refurbished or low quality supply the supplier may be blacklisted and performance guarantee shall be forfeited in favor of Managing Director Khyber Pakhtunkhwa TEVTA.

	Items/Supply Details						
S. No	Technically Offered Specification	QTY	MODEL	Unit Price	Total Price in PKR including all Govt: Taxes		
TOTAL							

Terms & Conditions:

- 1. Supplier must submit Performance Guarantee CDR amounting equal to **10% (i.e. Rs. /-)** of this purchase order in favor of the **Managing Director (KP-TEVTA)**, Peshawar and submit with Contrac Agreement.
- 2. Supplier will sign a Contract Agreement with the undersigned for the supply of the above Items Machinery/ Equipment, their warranty and after sale service facilities, within 15 days after issuance of this Purchase Order.
- 3. The Machinery/Equipment will be delivered on FOR basis to Principal
- 4. The Items must be supplied within 120 days duration after issuance of this purchase order, in case;

- a. Completely Failure in delivery in 120 days, Performance Guarantee will be forfeited completely in favour of procuring entity; moreover the Managing Director may extend the contract subjected to valid/justified reasons from the supplier.
- b. No penalty will be imposed on delivery of Package within 120 days. Package delivered after 120 days will be penalized @ 0.07% per day amount in purchase order of the Machinery/Equipment but not exceeding the Performance Guarantee.
- c. Machinery/Equipment supplied within time but rejected by the inspection committee, will be replaced within 30 days of the inspection without penalty and beyond 30 days with penalty @ 0.07% per day of Purchase Order of the Mahoney\/ Equipment but not exceeding the Performance Guarantee.
- 5. Income Tax/ GST will be deducted from your bills as per existing Govt: Rules, or revised by the Government.
- 6. Bills will be paid after the supply, Installation and Testing where applicable & certificate from inspection Committee, entry stock register, GRN etc.
- 7. Installation, Commissioning, Training and testing of equipment/machinery will be the responsibility of the supplier.
- 8. The supplier shall provide material for testing the equipment with the delivery.
- 9. Performance Guarantee will be retained by the KP-TEVTA till the successful completion of warranty Period.

___SD___

MANAGING DIRECTOR KP-TEVTA

Endst: No.KP-TVTA/Proc/4-64, 4-2/Date.

Copy forwarded for information and necessary action to:-

- 1. PA to Managing Director KP-TEVTA Head Office.
- 2. Director M&A KP-TEVTA Head Office.
- 3. Director F&A KP-TEVTA Head Office.
- 4. Principal,
- 5. File copy.

DIRECTOR PROCUREMENT
KP-TEVTA

Schedule of Requirements

PACKAGE-I

Strengthening of IT Lab at Government Technical and Vocational Center (GTVC) Yar Hussain, Swabi.

COMPUTER LAB / I.T Equipment

BOQ-1

S.NO	Description	Qty
1.	COMPUTER Desktop	50
	Branded 14th Generation Core i7 PCs or higher	
	Chipset Q 670 or Higher	
	Minimum 12MB Cache or Higher	
	RAM 16 GB DDR-5 ,	
	Hard Drive 1 TB SSD	
	8 GB Dedicated Graphic Card	
	Wifi Module (Optional)	
	Network Port 1 Gbps LED Screen 21.5"	
	Operating System Windows 11 Professional LICENSE	
	Warranty 3/3/3 Years (onsite, Parts and Labor)	
	Includes all accessories and relevant software's.	
2.	MULTIFUNCTIONAL PRINTERS	4
	Functions: PRINT/SCANNER/COPY/Wireless	
	PRINTER TECHNOLOGY: Laser	
	CONNECTIVITY, STANDARD: 1 Hi-Speed USB 2.0, Fast Ethernet 10/100Base-TX	
	MOBILE PRINTING CAPABILITY: Yes	
	WIRELESS: Yes	
	DISPLAY: 3.0-in (7.62-cm) touch screen CGD	
	PRINT SPEED BLACK: Up to 22 PPM	
	PRINT QUALITY: Up to 600 x 600 dpI	
3.	MULTIMEDIA PROJECTORS	2
	Brightness: 3200 Lumen XGA	
	Display System: 3 LCD system	
	Size of effective display area: 0.63"(16mm) x 3, Aspect ratio: 4:3	
	Number of pixels: 2,359,296 (1024x768 x 3) pixels	
	Zoom: Optical: Manual (Approx. x 1.3)	
	Focus: Manual	
	Throw ratio: 1.37:1 to 1.80:1	
	Light source: Ultra high pressure mercury lamp 215 W type	
	Lamp mode: High / Standard / Low: 3000 H / 5000 H / 10000 H	
	Filter cleaning cycle*1Max. 1000 Hours	
	Display Screen size: 30" to 300" (0.76 m to 7.62 m)	
	Lamp mode: High / Standard / Low: 3200 lm / 2300 lm / 2000 lm	
	Contrast ratio (full white / full black)*3: 4000:1	
	Computer signal input: Maximum display resolution: UXGA 1600 x 1200 dots*4	
	Projector Screen: 8' x 10' Wall Mount with Ceiling Mount Kit complete with installation	
	& Wiring	
	Or Higher	
4.	Air Condition 1.5 Tons DC inverter	4

5.	Networking of Computer Lan	2	
	48 PORT Giga Bit Switch managed with 4 SFP slots (SFP INCLUDED) TPLINK or Equitant		
	6 U Cabinet with 8 Port PDU branded		
48 Port Patch Panel Cat 6 Fully Loaded			
	Cat-6 Cable 23 AWG Pure Copper 3M / HIK Vision / CORNING		
	Face Plate Dual Shutter With Tool Less Key Stone Jack and Back Box		
	RJ -45 Connectors		
	PATCH Cords for Computers		
6.	Computer Laboratory tools Box	2	
7.	UPS	2	
	instructor's workstation desk, Network Switch & Multimedia 5KVA Online with Standard		
	backup		
8.	Photocopier Machine Speed: 25 CPM or higher	2	
	Resolution Print 1200x1200 dpi		
	Warm up time 10 second		
	Memory: 1.5GB or higher		
	Counter: 999		
	Paper support: 500 sheet x 2Tray & 100 sheet by pass		
	Feeder: Duplex Automatic Document Feeder (RADF)		
	Interface: Hi Speed USB & LAN Network		
	WIFI: Yes, Built-in		
	Toner: 15,000 pages or higher		
	Drum life 300,000 copies		

PACKAGE-II

<u>Upgradation of Government Technical and Vocational Boys Center Swat</u> <u>Mingora to the Level of Center of Excellence (CoE)</u>

LIST OF IT /COMPUTER LAB EQUIPMENTS (BOQ-1)

S.NO	Description	Qty
1.	COMPUTER Desktop	25
	Branded 14th Generation Core i7 PCs or higher	
	Chipset Q 670 or Higher	
	Minimum 12MB Cache or Higher	
	RAM 16 GB DDR-5 ,	
	Hard Drive 1 TB SSD	
	8 GB Dedicated Graphic Card	
	Wifi Module (Optional)	
	Network Port 1 Gbps LED Screen 21.5"	
	Operating System Windows 11 Professional LICENSE	
	Warranty 3/3/3 Years (onsite, Parts and Labor)	
	Includes all accessories and relevant software's.	
2.	MULTIFUNCTIONAL PRINTERS	1
	Functions: PRINT/SCANNER/COPY/Wireless	
	PRINTER TECHNOLOGY: Laser	
	CONNECTIVITY, STANDARD: 1 Hi-Speed USB 2.0, Fast Ethernet 10/100Base-TX	
	MOBILE PRINTING CAPABILITY: Yes	
	WIRELESS: Yes	
	DISPLAY: 3.0-in (7.62-cm) touch screen CGD	
	PRINT SPEED BLACK: Up to 22 PPM	
	PRINT QUALITY: Up to 600 x 600 dpI	
3.	MULTIMEDIA PROJECTORS	1
	Brightness: 3200 Lumen XGA	
	Display System: 3 LCD system	
	Size of effective display area: 0.63"(16mm) x 3, Aspect ratio: 4:3	
	Number of pixels: 2,359,296 (1024x768 x 3) pixels	
	Zoom: Optical: Manual (Approx. x 1.3)	
	Focus: Manual	
	Throw ratio: 1.37:1 to 1.80:1	
	Light source: Ultra high pressure mercury lamp 215 W type	
	Lamp mode: High / Standard / Low: 3000 H / 5000 H / 10000 H	
	Filter cleaning cycle*1Max. 1000 Hours	
	Display Screen size: 30" to 300" (0.76 m to 7.62 m)	
	Lamp mode: High / Standard / Low: 3200 lm / 2300 lm / 2000 lm	
	Contrast ratio (full white / full black)*3: 4000:1	
	Computer signal input: Maximum display resolution: UXGA 1600 x 1200 dots*4	
	Projector Screen: 8' x 10' Wall Mount with Ceiling Mount Kit complete with installation	
	& Wiring	
	Or Higher	
4.	Air Condition 1.5 Tons DC inverter	1

5.	Networking of Computer Lan 48 PORT Giga Bit Switch managed with 4 SFP slots (SFP INCLUDED) TPLINK or Equitant 6 U Cabinet with 8 Port PDU branded 48 Port Patch Panel Cat 6 Fully Loaded Cat-6 Cable 23 AWG Pure Copper 3M / HIK Vision / CORNING Face Plate Dual Shutter With Tool Less Key Stone Jack and Back Box RJ -45 Connectors PATCH Cords for Computers	1
6.	Computer Laboratory tools Box	1
7.	UPS instructor's workstation desk, Network Switch & Multimedia 5KVA Online with Standard backup	1
8.	Photocopier Machine Speed: 25 CPM or higher Resolution Print 1200x1200 dpi Warm up time 10 second Memory: 1.5GB or higher Counter: 999 Paper support: 500 sheet x 2Tray & 100 sheet by pass Feeder: Duplex Automatic Document Feeder (RADF) Interface: Hi Speed USB & LAN Network WIFI: Yes, Built-in Toner: 15,000 pages or higher Drum life 300,000 copies	1

LIST OF LAB EQUIPMENT(S) Culinary Arts / Professional Chef

(BOQ-2)

S.NO	Item Name	Specifications	Quantity
1.	Chef's Knife (8-10	Material: High-carbon stainless steel	15 sets
	inch)	Features: Full tang, ergonomic handle, sharp edge, suitable for	
		various kitchen tasks	
2.	Paring Knife	Material: Stainless steel	10 sets
۷.		Features: Small blade, ideal for peeling and precision cutting,	
		ergonomic handle	
3.	Boning Knife	Material: High-carbon stainless steel	5
3.	_	Features: Flexible blade for separating meat from bone, ergonomic	
		handle	
4.	Serrated Bread	Material: Stainless steel	5
4.	Knife	Features: Serrated edge, ideal for slicing bread, durable and sharp	
5.	Knife Sharpener	Material: Steel	5
<i>J</i> .	(Honing Steel)	Features: Sharpens and maintains blade edges, ergonomic handle	
6.	Cutting Boards	Material: Plastic or Wood	10
0.	(Plastic/Wooden)	Features: Durable, easy to clean, non-slip surface	
7.	Stainless Steel	Material: Stainless steel	5
/.	Ladles	Features: Deep bowl for serving soups and liquids, durable and heat-	
		resistant handle	

8.	Slotted Spoons	Material: Stainless steel	5
		Features: Slotted design for draining liquids, ergonomic handle	
9.	Wooden Spoons	Material: Wood	5
		Features: Heat-resistant, gentle on cookware, durable for stirring and	
		mixing	
10.	Whisks	Material: Stainless steel	5
10.		Features: Whisking for mixing batters, dough, and liquids,	
		ergonomic handle	
11.	Tongs	Material: Stainless steel or silicone	5
11.		Features: Long handle for safe handling, non-slip grip for turning	
		food	
12.	Spatulas (Rubber &	Material: Silicone or Stainless steel	10
12.	Metal)	Features: Flexible blade for scraping, non-stick, heat-resistant	
10	Peeler	Material: Stainless steel	5
13.		Features: Sharp blade for peeling fruits and vegetables, ergonomic	
		handle	
1.1	Measuring Cups &	Material: Stainless steel or plastic	5 sets
14.	Spoons	Features: Graduated measurements for accuracy, stackable for easy	
	Spoons	storage	
	Mixing Bowls	Material: Stainless steel	10
15.	(Stainless Steel)	Features: Multiple sizes, durable, resistant to rust and corrosion	10
	Digital Kitchen	Features: Precision measurements, LCD display, tare function for	2
16.	Scale	accurate readings, compact design	
	Thermometer	Type: Digital	5
17.	(Instant Read)	Features: Instant temperature reading, waterproof, easy-to-read	
	(Ilistant Read)	display, ideal for checking food temperature	
	Erving Done (Non	Material: Non-stick or stainless steel	5
18.	Frying Pans (Non- Stick & Stainless)	Features: Even heat distribution, ergonomic handle, suitable for	3
	Suck & Stanness)	various cooking methods	
	Sauce Pans with	Material: Stainless steel or non-stick	5
19.			3
	Lids	Features: Durable, heat-resistant handle, includes a lid, suitable for	
	C41- D-4 (I)	cooking sauces and soups Material: Stainless steel	
20.	Stock Pot (Large)		2
		Features: Large capacity, heavy-duty construction, includes a lid,	
	D 11	suitable for boiling large quantities of food	-
21.	Baking Trays	Material: Aluminum or steel	5
		Features: Non-stick surface, durable, easy to clean, ideal for baking	
	1. CC: 0 C 1 T'	cookies, pastries, and other baked goods	<u> </u>
22.	Muffin & Cake Tins	Material: Aluminum	5
		Features: Non-stick surface, ideal for baking muffins and cakes,	
		durable construction	
23.	Plastic Storage	Material: Plastic	10
	Containers	Features: Airtight, stackable, available in various sizes for storing	
		ingredients or leftovers	
24.	Cling Wrap &	Material: Plastic and aluminum	10
- '	Aluminum Foil	Features: Food preservation, easy to use, ideal for covering and	
		wrapping foods	
25.	Food Labels &	Material: Paper or plastic	5 sets
	Markers	Features: Writable surface for labeling containers, ideal for storage	
		and organization	

26.	Rolling Pin	Material: Wood or silicone Features: Smooth surface, used for rolling dough, ergonomic handle	5
27.	Pastry Brushes	Material: Silicone or natural bristles Features: Ideal for applying glazes and butter to pastries	5
28.	Piping Bags & Nozzles	Material: Plastic or silicone Features: For decorating cakes and pastries, multiple nozzle options for precision	5 sets
29.	Sieves & Sifters	Material: Stainless steel Features: Fine mesh for sifting dry ingredients, sturdy handle	5
30.	Hand Mixer	Features: Multiple speed settings, compact design, suitable for mixing and beating ingredients	2
31.	Blender	Type: High-speed blender Features: Multiple speed settings, ideal for smoothies, soups, and purees	2
32.	Food Processor	Features: Multiple attachments for chopping, slicing, grating, and mixing, powerful motor	2
33.	Toaster	Features: Multiple browning levels, automatic pop-up function, easy to clean	2
34.	Electric Kettle	Material: Stainless steel Features: Boils water quickly, automatic shut-off, cordless design	2
35.	Aprons	Material: Cotton or polyester Features: Adjustable straps, front pockets, used for protecting clothes while cooking	10
36.	Chef Hats	Material: Cotton Features: Lightweight, breathable, ideal for maintaining hygiene in the kitchen	10
37.	Disposable Gloves	Material: Latex or nitrile Features: Single-use gloves for hygiene, fits comfortably, resistant to chemicals	10, As required
38.	Fire Extinguisher	Type: Fire Extinguisher Features: Suitable for all-purpose fire protection, easy to use, compact design	1
39.	First Aid Kit	Contents: Bandages, antiseptics, pain relievers, gauze, scissors, gloves Features: Essential for dealing with minor injuries in the kitchen	1

i. List of equipment Food and Beverages Management

(BOQ-3)

Sr. No.	Item Name	Specifications	Qty
1	Crockery, Cutlery, Glassware & Napkins, Service Cutlery	Features: Includes plates, bowls, glasses, forks, knives, spoons, napkins, and service cutlery for food and beverage service practical classes; durable and easy to clean	10 sets
2	Tableware (Table Coverings, Cruet Sets, Table Decorations, Menu Holders, Ashtrays)	Features: Includes table coverings, cruet sets, menu holders, ashtrays, and table decorations; designed for formal or casual settings	25 sets

3	Service Dishes/Flats, Plate Rings, Sauce Boats, Soup Tureens, Service Cloths	Features: Includes service dishes, plate rings, sauce boats, soup tureens, and service cloths for food presentation; made from durable materials	25 sets
4	Service Equipment and Utensils for Serving Food at the Counter	Features: Includes serving spoons, tongs, ladles, trays, and other essential utensils for food service at the counter	25 sets
5	Holders for Order Pads	Features: Sturdy holders for keeping order pads organized and easily accessible for wait staff; compact and portable	25 sets
6	Equipment for Drinks (Hot Drinks Machines, Coffee & Espresso Machines, Still Sets, Filter Machines, Urns, Blenders, Steamers, Cream Whippers, Kettles & Boilers, Cafetières, Vacuum Flasks)	Features: Includes coffee and espresso machines, blenders, urns, steamers, kettles, vacuum flasks, and other necessary equipment for drink service	5 sets
7	Hot Plates/Plate Warmers	Features: Electric or gas-powered, ideal for keeping plates warm during food service, adjustable temperature settings, compact and easy to store	5
8	Refrigerated Unit	Features: Commercial-grade refrigeration for storing food and drinks; energy-efficient, easy to clean, adjustable temperature control	1
9	Hot/Cold Beverage Service Containers	Features: Insulated containers designed to maintain the temperature of hot or cold beverages; includes lids, spouts, and handles for easy pouring	2
10	Trays/Trolleys	Features: Durable and easy-to-maneuver trays or trolleys for serving food and beverages, lightweight with multiple compartments for organization	10
11	Sideboards/Side Tables/Service Station	Features: Includes storage and surface space for organizing dishes, beverages, and utensils; sturdy construction, typically made from wood or metal	5
12	Counter Service Materials (Posters, Black/White Board, Menus Board, Promotional Materials)	Features: Includes promotional boards, black/white boards for writing daily specials, menu boards, and posters showcasing offers; lightweight and easy to set up	1 set

ii. Fire, first aid and safety equipment

Sr.No	Item	Quantity
1.	Food safety guidelines	1

2.	Equipment and materials for washing hands, including antibacterial soap, suitable wash basin, hand towels, hand dryers	5 sets
3.	HACCP standards	1
4.	Illustrative range of emergency notices	1set
5.	Fire equipment properly maintained and in good working order, Including the provision of fire exits, fire doors, fire extinguishers, alarm systems, emergency lighting, fire safety And exit signs	1set
6.	Food outlet logs for recording accidents and incidents	1
7.	Tools and equipment for disposing of waste, including waste disposal units, recycling bins, garbage drums on wheels (foot operated)with garbage bags included	2sets

iii. Cleaning equipment

Sr.No	Item	Quantity
	Small cleaning equipment to use for different tools and equipment, including cloths, dusters, mops, brushes, buckets, hand-held cleaning spray	5sets
2.	Dishwasher,	1set
3.	Jet Washer	1set

iv. Fixtures and fittings

Sr	.No	Item	Quantity
	1.	Waiters' pantry	2 installations
	۷.	Counter service, including display unit, heated unit, refrigerated unit, beverage equipment	1installation

FRONT DESK EQUIPMENTS

S.NO			
5.110	Tool/Equipment	Specification	Quantity
1.	Computer System (Desktop/Laptop)	COMPUTER Desktop Branded 14th Generation Core i7 PCs or higher	1
		Chipset Q 670 or Higher Minimum 12MB Cache or Higher RAM 16 GB DDR-5 , Hard Drive 1 TB SSD	
		8 GB Dedicated Graphic Card Wifi Module (Optional) Network Port 1 Gbps LED Screen 21.5" Operating System Windows 11 Professional LICENSE Warranty 3/3/3 Years (onsite, Parts and Labor) Includes all accessories and relevant software's.	
2.	Front Desk Software (PMS)	Cloud-based, multi-user support, booking management, billing, reporting functions	1
3.	Point of Sale (POS) System	Touchscreen, integrated card reader, receipt printer, customizable interface	1
4.	Check-in/Check-out Kiosk	Self-service kiosk with touchscreen, card reader, ticket printer	1
5.	Telephone System (PBX)	VoIP-compatible, multi-line system, call forwarding, hold music	1
6.	Credit Card Machine (POS Terminal)	EMV-enabled, wireless or wired, supports chip and PIN transactions	1
7.	Guest Registration Form	Customizable, multi-page, carbon copy forms, or digital form options	100
8.	Guest Key Card System	Key card printer, encoding machine, electronic lock system for rooms	1
9.	Visitor Logbook	Leather-bound or hardcover, with entry space for guest name, time, and reason	1
10.	Front Desk Phone (Landline)	Wired, hands-free speakerphone, programmable buttons for quick dial	1
11.	Printer (Laser or Inkjet)	Speed: 20-30 ppm, wireless and network-ready, multi-function (print, scan, copy)	1
12.	Fax Machine (Optional)	Digital, color printing, auto document feeder, faxing over IP or traditional lines	1
13.	Security System (CCTV)	IP cameras, wireless support, remote access, motion detection	1
14.	POS Receipt Printer	Thermal printer, 80mm paper roll, high-speed printing	1

15.			
		Automatic counting, bill sorting, counterfeit detection, small	
	Coin & Bill Counter	size for desk use	1
16.			
	Name Tags/ID Badges	Customizable, magnetic clip or pin, durable material	20
17.	Queue Management	Digital or manual, with ticket printing, digital display for	
	System	queue management	1
18.	Air Conditioning System	Inverter AC, adjustable temperature control, energy-efficient,	1
		wall-mounted or central	
19.		Comfortable chairs, ergonomic design, durable fabric or	
	Waiting Area Seating	leather, with armrests	1
20.	Clock (Wall Clock/Desk		
	Clock)	Analog or digital, easy-to-read, reliable timing mechanism	1
21.	Stationery (Pens, Notepads,	High-quality pens, branded notepads, sticky notes, and office	
	etc.)	essentials	1
22.	Front Desk wooden	Complete wooden frame luxury standard	1

LIST OF EQUIPMENTS FOR EVENT MANAGEMENT /LAB

S.NO	Tool/Equipment	Specification	Qty
1.	Event Management Software	Cloud-based, customizable for event planning, ticketing, guest lists, scheduling	1
2.	Microphones (Wireless)	Frequency range: 2.4 GHz or 5.8 GHz; Rechargeable battery with 8+ hours of use	10
3.	Projectors & Screens	1080p HD, 4000+ lumens brightness, 16:9 aspect ratio; portable or fixed screen options	1
4.	Sound Systems	Power: 200-500W; Adjustable volume, multiple speaker setup for even coverage	1
5.	LED Lighting	RGB, adjustable brightness, energy-efficient, remote-controlled	24
6.	AV Equipment (Cameras, Lenses)	4K resolution, autofocus lenses, tripods, portable streaming equipment	1
7.	Staging Equipment	Modular platforms, adjustable heights, weight- bearing capacity of 300kg+	1
8.	Tents/Canopies	Waterproof, UV-resistant, heavy-duty material, size ranges from 10x10 to large-scale	2 sets
9.	Tables & Chairs	Foldable, lightweight, durable materials, weightbearing capacity: 150+ kg	50 pax
10.	Portable Bars	Mobile, foldable, equipped with shelves, bar accessories, stainless steel surface	2
11.	Crowd Control Barriers	Material: Stainless steel or plastic, height: 1 meter, interlocking design	5
12.	Generators	Power output: 3000W to 5000W depending on event size, fuel-efficient	1
13.	Ticketing Systems	Barcode scanning, RFID technology, cloud-based or on-site software	1
14.	First Aid Kits	Includes bandages, antiseptic, medical tools; portable size for easy storage	3
15.	Event Registration Kiosk	Self-service kiosk, touch screen interface, paperless check-in, multi-language support	1 set
16.	Signage	Customizable banners, digital screens, foam boards; durable for indoor/outdoor	1
17.	Event Decor (Table Linens, Centerpieces)	High-quality fabrics (linen, cotton); custom design options	50 pax
18.	Security Systems	Surveillance cameras, access control systems, walk-through metal detectors	1

List of Equipment's Tourism & Hospitality Management

S.No	Item Description	Specs/Detail	Qty
1	Simple map Pakistan and World	For Display Purposes	2
2	Rail &Air connectivity route map	For Display Purposes	2
3	Multimedia Projector	MULTIMEDIA PROJECTORS Brightness: 3200 Lumen XGA Display System: 3 LCD system Size of effective display area: 0.63"(16mm) x 3, Aspect ratio: 4:3 Number of pixels: 2,359,296 (1024x768 x 3) pixels Zoom: Optical: Manual (Approx. x 1.3) Focus: Manual Throw ratio: 1.37:1 to 1.80:1 Light source: Ultra high pressure mercury lamp 215 W type Lamp mode: High / Standard / Low: 3000 H / 5000 H / 10000 H Filter cleaning cycle*1Max. 1000 Hours Display Screen size: 30" to 300" (0.76 m to 7.62 m) Lamp mode: High / Standard / Low: 3200 lm / 2300 lm / 2000 lm Contrast ratio (full white / full black)*3: 4000:1 Computer signal input: Maximum display resolution: UXGA 1600 x 1200 dots*4 Projector Screen: 8' x 10' Wall Mount with Ceiling Mount Kit complete with installation & Wiring Or Higher	1
4	Demo for passport forms & visa file	For Display Purposes	2
5	World Clocks	Standard (for showing different Time zone of 10 countries)	1
6	Models or Pictures of tourist attractions	Standard/New seven wonders, Golden Temple, Historical Monuments and airplane model	10
7	Display counter for brochures, form etc	Standard	1

8	Safety signs Board	Standard	1
9	First Aid kit	Standard	2
10	Reception counter with Telephone facility (without connection) & Reservation diary	Standard	1
11	Travel Agency management Travel Guide	Standard	6
12	Language communication equipment's	Standard-Headphones, CDs & Mirror (6 * 2)	12
13	Display Board with Airport codes & Railway Station codes	Standard	2
14	Hat	Standard	10
15	Sun Block Lotion	Standard	2
16	Whistle	Whistle: Coloured Plastic with clips	5
17	Map Compass	Standard analogue campsite finding compass	2
18	Customer siting arrangement (4 Chairs & 1 Table)	Standard with wooden table	1
19	Printed Itinerary material(Domestic & International)	A4	5
20	Debit/Credit Card Training Machine	Standard	1
21	Table Mat	L x W: 30 x 40 cm	4
22	Water Glass (HighBall)	Standard	4
23	Drink Glass	Standard	4
24	Waiter Cloth	Standard	3
25	Table Napkin	20*20 Inch	10
26	Passenger checklist of Airport (Domestic &International)	A4	5
27	Bar Counter	Standard size to show the bar set up to students	1
28	Crockery set and cover set	Standard- 06 different design set for breakfast, lunch and Dinner set	3
29	Dessert plate	6piece set	1
30	Dessert spoons	6piece set	1
31	Pasta plate	11inches Standard	2
32	Dessert Knife	Standard	2
33	Services spoons	Metal	20
34	Table forks	pack of six	1
35	Tea Strainer	Steel	2
36	Tea set with kettle	Ceramic	1
37	water jug	Steel	2

38	salt and pepper set	glass or steel material	2
39	Tooth pick holder	Steel	2
40	Straw holder	Standard	2
41	Napkin holder	Steel	2
42	Finger bowl large	Standard	2
43	Round service tray	Steel	2
44	Table cloth and baize cloth	Cotton	2
45	Table napkins	Cotton	6
46	Bar tool kit	With all essential equipment of bar	1
47	Brass lobby stand for party with sticky alphabets and numbers	Brass with front open door fitted with glass size of 900mm*600 mm	1
48	Different colour coded dustbins	Dust bin with lid and pedal operation	2
49	Coffee mugs	Ceramic mugs	6
50	Wiping cloth	Wiping cloth	8
51	Waiter dress	Cotton material	10
52	Knife set	Kitchen Knife set for showing different types of knives and uses	4
53	Storage cabinet	Wooden or aluminum	1
54	Rectangular service tray	To serve drinks to guests	2
55	Side station for restaurant	Wooden	1
56	service trolley	stainless steel	1

PACKAGE-III

Upgradation of Government Technical and Vocational Center BOYS Dera Ismail Khan to the Level of Center of Excellence (CoE)

LIST OF TOOLS AND EQUIPMENT FOR FOOD PROCESSING

BOQ-01

AND PRESERVATION

S.NO	Tool/Equipment	Specification	Quantity
1	Food Dehydrator	5-12 trays, temperature range: 35°C - 70°C, energy-efficient, compact design	1
2	Vacuum Sealer Machine	Sealing capacity: 20-40 cm, adjustable heat settings, automatic and manual modes	1
3	Blast Freezer	Capacity: 100-1000 liters, fast freezing technology, temperature range: -18°C to -40°C	1
4	Food Grinder (Meat & Vegetables)	300W - 1200W, stainless steel body, multiple grinding plates, large feed tube	1
5	Commercial Juicer	1000W+ motor, stainless steel, high yield, large capacity (5-10 liters)	1
6	Cold Storage Room/Freezer Room	Insulated walls, temperature control (-18°C to 0°C), adjustable shelving	1
7	Canning Machine	Automatic/semi-automatic, temperature and pressure controls, 100-500 jars/hour	1
8	Pasteurizer (Heat Treatment)	Capacity: 10-500 liters, temperature control: 60°C to 85°C, stainless steel construction	1
9	Packing Machine (Automatic)	Speed: 20-60 packs/min, adjustable packaging sizes, heat-sealing technology	1
10	Slicing Machine (Vegetables/Meat)	Blade size: 200-300mm, adjustable thickness, automatic or manual operation	1
11	Mincer (Food Processing)	400W - 1000W motor, stainless steel body, multiple mincing attachments	1
12	Food Mixer (Heavy Duty)	Capacity: 10-50 liters, 3-5 speed settings, stainless steel bowl	1
13	Fermentation Tank	Capacity: 50-500 liters, temperature and humidity control, stainless steel	1
14	Hot Water Bath/Immersion Circulator	Adjustable temperature control, 10-50 liters capacity, used for sous-vide cooking	1
15	Food Thermometer (Digital)	Temperature range: -50°C to 300°C, high accuracy, stainless steel probe	1
16	Spice Grinder	Motor power: 200W-500W, stainless steel blades, adjustable coarseness	1
17	Salt & Sugar Drying Machine	Capacity: 100-500 kg/hour, temperature control, moisture content control	1

18	Freeze Dryer (Lyophilizer)	Capacity: 1-100 kg per batch, vacuum pump, temperature and pressure control	1
19	Rotary Food Dryer	Capacity: 50-500 kg/day, temperature control, stainless steel	1
20	Oil Filter Machine	Capacity: 5-50 liters, stainless steel, automatic filtration	1
21	Water Purification System	Filtration stages: 3-5, capacity: 100-1000 liters/day, reverse osmosis or UV system	1

i. LIST OF TOOLS & EQUIPMENTS LIVESTOCK AND DAIRY MANAGEMENT /FARM MANAGER

BOQ-02

Sr.	Tools/Equipment	Specifications	Quantity
No.			
1	Dummy Model for Cow	Features: Realistic life-size model of a cow reproductive system, removable parts for	1
	Reproduction	educational purposes, durable and easy to clean	
2	AI Toolkit (Complete)	Features: Includes all necessary tools for artificial insemination (AI), such as	1
		insemination guns, gloves, sperm straws, and storage containers, high-quality and durable	
3	Milking Machine Models	Features: Includes different models of milking machines (manual and electric), varying	1 each
		capacities (single or double bucket), durable construction for practical training	
4	Housing Layout Models	Features: Scale models representing various types of cow housing layouts, including	3 each
	(Different Types)	conventional barns, modern dairy farms, and open housing designs	
5	Udder Model	Features: Realistic life-size model of a cow's udder, removable parts for practical	1
		demonstration and educational purposes, made from durable material	
6	Cow Reproductive System	Features: Life-size, detailed model of a cow's reproductive system, removable organs for	1
	Model	educational purposes, made of durable and safe materials	
7	First Aid Toolkit (Complete)	Features: Includes essential first aid items like bandages, antiseptics, scissors, gloves, and	2
		other materials for handling emergency situations in animal care	

ii. Agriculture Based

Sr. No.	Tools/Equipments	Specifications	Quantity
1	Tractors, Trolleys, Plough (Hall) Blade, Rotavator, Hay Rake, Small Square Bailer	Features: Includes a complete set with tractor (50-75 HP), trolleys, plough (hall) blade, rotavator, hay rake, and small square bailer for various agricultural tasks; durable construction for heavy-duty operations	1 set complete
2	Fodder Cutter (Toka Machine)	Features: Manual or motorized, designed for cutting fodder or hay into smaller pieces for animal feed, durable construction, and easy-to-operate	1
3	Disc Fodder Cutter	Features: Equipped with sharp discs for cutting fodder efficiently, adjustable height settings, durable construction for long-term use	1
4	Sickles	Features: Traditional curved blade, suitable for cutting grasses, crops, or small bushes, made of durable stainless steel or carbon steel for durability	12
5	Wheel Barrows	Features: Steel or plastic tray, durable wheels, used for transporting materials like soil, hay, or fodder, lightweight, and easy to maneuver	4
6	Shovels	Features: Heavy-duty metal blade, wooden or fiberglass handle, designed for digging, moving soil, or other materials in agricultural or construction tasks	4

iii. Mechanical/Technical needs

Sr. No.	Tools/Equipments	Specifications	Quantity
1	Generator	Features: Diesel or petrol-powered, 5 kVA capacity, ideal for industrial or agricultural use, portable design, suitable for powering equipment during offgrid operations	1
2	Welding Plant	Features: 200-300 Amp, suitable for MIG, TIG, and Stick welding, portable and durable, includes necessary safety features such as overload protection	1
3	Electrical Kit	Features: Includes a variety of electrical tools such as wire strippers, pliers, tape, multimeter, screwdrivers, and electrical tape, all housed in a durable carry case	1
4	Tool Kit	Features: Set includes essential hand tools like hammers, screwdrivers, pliers, spanners, wrenches, and cutting tools, organized in a sturdy toolbox	1
5	Air Filler Tank	Features: Portable air tank for inflating tires, filling air compressors, with pressure gauges, safety valves, and durable construction for heavy-duty use	1

iv. Medical Use

Sr. No.	Tools/Equipments	Specifications	Quantity
1	Drenching Gun	Features: Used for administering liquid medicines or drenching agents to animals, made from durable plastic or stainless steel, adjustable flow, easy to use with precise dosage	4
02	Vaccinator Gun	Features: Automatic or manual, used for administering vaccines to animals, precise and accurate dosage control, suitable for various animal sizes	4
3	Tags	Features: Livestock identification tags made from durable plastic or metal, weather- resistant, available in various colors and sizes, suitable for cattle, sheep, and goats	50
4	Tag Applicators	Features: Hand-held device used for applying tags to livestock, ergonomic design, made from high-quality plastic, easy to operate, durable for heavy-duty use	2
5	Hot Branding Set	Features: Includes branding irons (heated), adjustable for livestock identification, durable handles, safety features included, used for marking animals with heat branding	1
6	Cold Branding Set	Features: Includes cold branding irons, suitable for livestock identification, used with liquid nitrogen or similar cold agents for marking animals with a freeze branding method	1
7	Stove/Burner	Features: Used for heating branding irons or other equipment, durable metal construction, adjustable flame for controlled heating, portable design for field use	2
8	Uniform/Dungarees	Features: High-quality fabric, durable and comfortable, designed for use in animal handling or veterinary practices, available in various sizes	25
9	Grooming Kit	Features: Includes brushes, combs, hoof pick, clippers, and other tools for cleaning and grooming livestock, compact and durable, designed for ease of use	3
10	Milking Machine Models (Different Types)	Features: Includes both manual and electric milking machines, designed for different sizes and types of livestock, made with stainless steel components for durability and hygiene	1 each

v. <u>LIST OF CONSUMABLE MATERIALS</u>

Sr.No.	Items	Quantity
1	Acid/H2SO4Lit(Sample only)	500ML
2	Amyl Alcohol Lit(Sample only)	500ML
3	WhitewashCaCO3Kg	1000Kg
4	Brush	4

LIST OF TOOLS/EQUIPMENT ETC. Agricultural Machinery & Operations,

S. No.	Tool/Equipment	Specifications	Required Quantity
1	Tractor (50-75 HP)	Type: Diesel or Electric Features: 50-75 horsepower, four-wheel drive, used for farming operations	1
2	Rotavator	Type: Tractor-mounted Features: Adjustable depth, durable blades for tilling soil, increases aeration	1
3	Disc Plough	Type: Mounted on tractor Features: Durable discs for plowing, adjustable depth and angle for different soil types	1
4	Mouldboard Plough	Type: Tractor-mounted Features: Mouldboard for deep plowing, adjustable width, ideal for turning heavy soil	1
5	Chisel Plough	Type: Tractor-mounted Features: Ideal for breaking compacted soil, improves soil aeration, suitable for deep tillage	1
6	Cultivator	Type: Tractor-mounted Features: Adjustable width, used for loosening soil, mixing soil with fertilizers and herbicides	1
7	Seed Drill	Type: Tractor-mounted Features: Precision seeding for uniform distribution, adjustable depth and row spacing	1
8	Planter	Type: Tractor-mounted Features: Ideal for sowing seeds in precise rows, adjustable for various seed types	1
9	Sprayer (Boom/Knapsack)	Type: Boom or knapsack Features: High pressure, adjustable spray settings, used for spraying pesticides, herbicides, or fertilizers	2
11	Thresher	Type: Mechanical or engine-driven Features: Used for threshing crops such as wheat and rice, high efficiency, low maintenance	1
12	Water Pump (Diesel/Electric)	Type: Diesel or Electric Features: High efficiency, ideal for irrigation, corrosion- resistant materials, high capacity	1
13	Power Tiller	Type: Petrol or Diesel Features: Light-weight, used for small scale tilling operations, easy to maneuver, ideal for gardens or small fields	1
14	Chaff Cutter	Type: Mechanical or motorized Features: Cuts straw, hay, or chaff into small pieces for feeding animals, high cutting efficiency	1

Features: Used for removing weeds in fields, ergonomic handle, durable for heavy use 2				II -
Interest Interest	15	Weeder	Type: Manual or Motorized	1
Interest Interest			Features: Used for removing weeds in fields, ergonomic	
Type: Manual Features: Adjustable wheel, used for weeding, cultivating, and tilling small garden or farm areas Pattern			-	
Features: Adjustable wheel, used for weeding, cultivating, and tilling small garden or farm areas 4	16	Wheel Hee	·	2
Type: Manual Features: Steel teeth for collecting debris, leveling soil, ergonomic handle Type: Manual Features: Steel teeth for collecting debris, leveling soil, ergonomic handle Type: Manual Features: Strong blade for digging, loosening soil, ideal for trenching, with a durable handle Sickle Type: Manual Features: Strong blade for digging, loosening soil, ideal for trenching, with a durable handle Peatures: Strong blade for collecting debris, leveling soil, ergonomic handle Peatures: Steel teeth for collecting debris, leveling soil, ergonomic handle Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle Peatures: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 2 Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 2 Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks 2 Vernier Caliper Type: Digital or Analog 2 Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 1 Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 1 Features: High-pressure tool for lubricating machinery and equipment 2 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other 5 Digital Features: Measures voltage, current, resistance, and other 5 Features: Measures voltage, current, resistance, and other 1 Features: Measures volta	10	Wheel Hoe	• 1	2
Type: Manual Features: Used for tilling, digging, and weeding, durable steel head, ergonomic handle Features: High-quality steel blade, durable handle, used for digging, moving soil, and other general purposes Type: Manual Features: High-quality steel blade, durable handle, used for digging, moving soil, and other general purposes Type: Manual Features: Strong blade for digging, loosening soil, ideal for trenching, with a durable handle Type: Manual Features: Steel teeth for collecting debris, leveling soil, ergonomic handle Type: Manual Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions Type: Manual or Pigital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Features: High-pressure tool for lubricating machinery and equipment Type: Digital Features: Pressures, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: D				
Features: Used for tilling, digging, and weeding, durable steel head, ergonomic handle 17 17 18 18 19 19 19 19 19 19			tilling small garden or farm areas	
head, ergonomic handle	17	Hoe	Type: Manual	4
head, ergonomic handle			Features: Used for tilling, digging, and weeding, durable steel	
Type: Manual Features: High-quality steel blade, durable handle, used for digging, moving soil, and other general purposes 4				
Features: High-quality steel blade, durable handle, used for digging, moving soil, and other general purposes 4	10	Charrel		1
digging, moving soil, and other general purposes Type: Manual Features: Strong blade for digging, loosening soil, ideal for trenching, with a durable handle 2	10	Shovei		4
Type: Manual Features: Strong blade for digging, loosening soil, ideal for trenching, with a durable handle 20 Rake Type: Manual Features: Steel teeth for collecting debris, leveling soil, ergonomic handle 21 Sickle Type: Manual Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle 22 Pruning Shears Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 23 Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other				
Features: Strong blade for digging, loosening soil, ideal for trenching, with a durable handle 20 Rake Type: Manual Features: Steel teeth for collecting debris, leveling soil, ergonomic handle 21 Sickle Type: Manual Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle 22 Pruning Shears Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 23 Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other			digging, moving soil, and other general purposes	
Features: Strong blade for digging, loosening soil, ideal for trenching, with a durable handle 20 Rake Type: Manual Features: Steel teeth for collecting debris, leveling soil, ergonomic handle 21 Sickle Type: Manual Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle 22 Pruning Shears Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 23 Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	19	Spade	Type: Manual	4
trenching, with a durable handle Type: Manual Features: Steel teeth for collecting debris, leveling soil, ergonomic handle Type: Manual Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Tool Kit (Spanners, Pliers, etc.) Multimeter Type: Digital Features: Measures voltage, current, resistance, and other Features: Measures voltage, current, resistance, and other			Features: Strong blade for digging, loosening soil, ideal for	
Type: Manual Features: Steel teeth for collecting debris, leveling soil, ergonomic handle Type: Manual Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle Type: Manual Features: Curved blade, ergonomic handle, ideal for trimming plants, shrubs, and small branches Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current, resistance, and other Type: Digital Features: Measures voltage, current,				
Features: Steel teeth for collecting debris, leveling soil, ergonomic handle 21 Sickle Type: Manual Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle 22 Pruning Shears Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 23 Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Econtents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	20	Daka		2
ergonomic handle Type: Manual Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle Pruning Shears Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	20	Rake		2
Sickle				
Features: Curved blade for cutting crops such as wheat, barley, and rice, ergonomically designed handle 22 Pruning Shears Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 23 Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Type: Digital Features: Measures voltage, current, resistance, and other			ergonomic handle	
and rice, ergonomically designed handle 2 Pruning Shears Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 2 Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	21	Sickle	Type: Manual	4
and rice, ergonomically designed handle 2 Pruning Shears Type: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 2 Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Multimeter Type: Digital Features: Measures voltage, current, resistance, and other			Features: Curved blade for cutting crops such as wheat, barley.	
22Pruning ShearsType: Manual Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches223Measuring TapeType: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks224Vernier CaliperType: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions225Torque WrenchType: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels126Grease GunType: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment127Tool Kit (Spanners, Pliers, etc.)Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs328MultimeterType: Digital Features: Measures voltage, current, resistance, and other1			- -	
Features: Sharp blades, ergonomic handle, ideal for trimming plants, shrubs, and small branches 23 Measuring Tape Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	22	Druning Chaors		2
plants, shrubs, and small branches Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	22	Fruining Shears	• •	2
Type: Manual or retractable Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks				
Features: Durable, easy-to-read markings, used for measuring distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other			plants, shrubs, and small branches	
distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	23	Measuring Tape	Type: Manual or retractable	2
distance and length in agricultural tasks 24 Vernier Caliper Type: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions 25 Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other			Features: Durable, easy-to-read markings, used for measuring	
24Vernier CaliperType: Digital or Analog Features: Precise measurements, used for measuring small distances, depth, and inner dimensions225Torque WrenchType: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels126Grease GunType: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment127Tool Kit (Spanners, Pliers, etc.)Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs328MultimeterType: Digital Features: Measures voltage, current, resistance, and other1			■	
Features: Precise measurements, used for measuring small distances, depth, and inner dimensions Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	24	Vernier Caliner		2
distances, depth, and inner dimensions Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Multimeter Type: Digital Features: Measures voltage, current, resistance, and other		vermer camper		
Torque Wrench Type: Manual or Digital Features: Used for applying precise torque to bolts, adjustable settings for various torque levels Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs Multimeter Type: Digital Features: Measures voltage, current, resistance, and other				
Features: Used for applying precise torque to bolts, adjustable settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	2.5	<u> </u>		1
settings for various torque levels 26 Grease Gun Type: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	25	Torque Wrench		1
26Grease GunType: Manual or Pneumatic Features: High-pressure tool for lubricating machinery and equipment127Tool Kit (Spanners, Pliers, etc.)Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs328MultimeterType: Digital Features: Measures voltage, current, resistance, and other1				
Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 3 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other			settings for various torque levels	
Features: High-pressure tool for lubricating machinery and equipment 27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 3 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	26	Grease Gun	Type: Manual or Pneumatic	1
27Tool Kit (Spanners, Pliers, etc.)Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs328MultimeterType: Digital Features: Measures voltage, current, resistance, and other1				
27 Tool Kit (Spanners, Pliers, etc.) Contents: Spanners, pliers, screwdrivers, wrenches, and other basic hand tools for maintenance and repairs 3 28 Multimeter Type: Digital Features: Measures voltage, current, resistance, and other 1				
etc.) basic hand tools for maintenance and repairs Multimeter Type: Digital Features: Measures voltage, current, resistance, and other	27	T 1 17' (C DI'		2
28 Multimeter Type: Digital 1 Features: Measures voltage, current, resistance, and other	21	` =		3
Features: Measures voltage, current, resistance, and other			basic hand tools for maintenance and repairs	
	28	Multimeter	Type: Digital	1
			electrical properties, compact and portable	
29 Battery Charger Type: Automatic or Manual 1	20	Rattery Charger		1
	27	Dattery Charger		1
Features: Used for charging tractor, car, and other vehicle				
batteries				
30 Welding Machine Type: Arc or MIG	30	Welding Machine		1
Features: Heavy-duty welding for metal repairs and fabrication,	1		Features: Heavy-duty welding for metal repairs and fabrication	I

		includes safety features and adjustable settings	
31	Grinding Machine	Type: Electric Features: Used for sharpening tools, cutting metals, includes	1
		grinding wheels	
32	Safety Gear (Gloves, Helmet, Goggles)	Contents: Gloves, helmets, goggles, apron, and other protective equipment	5
		Features: Safety standards-compliant, durable for farming and mechanical work	

ii. LIST OF CONSUMABLES

S. No	Name of Tools / Equipment	Quantity
1.	Cotton Waste	100Kg
2.	Cotton Gloves	25Doz
3.	Grease	10Kg
4.	Coolant	10Ltr
5.	Amri paper	20Doz
6.	Bath Soap	3Doz
7.	First aid Practical consumables As per Physician	1No.
8.	Joint Sheet	10No.
9.	Brake/Clutch fluid	5Ltr
10.	Hacksaw blade	30Doz
11.	Fiber& SteelWire brushes	30Each
12.	V Belts Generator& Radiator fan	15Each
13.	Head gasket	15No.
14.	Shellac	25Bottle
15.	Silicon Grey	15Tubes
16.	Oil&Fuel filters Each	15No.
17.	Friction disc	10No.
18.	Oil seals	10set
19.	Brake shoe	10Set
20.	Piston Rings	10Set
21.	Nuts & bolts different sizes	5Kg
22.	Brake master cylinder kit	12No.
23.	Wheel cylinder kit	
24.	Spark plugs	24No.
25.	Bearing different types &sizes	12No.
26.	Weldingrod8,10&12No.	20Kg
27.	Oxygen gas	16Kg
28.	Drill Bits	5set
29.	Argon gas	8Kg

LIST OF TOOLS AND EQUIPMENT FOR Agriculture Farm Manager/ Agri-Business Management

BOQ-4

WORKSHOP/FARMMACHINERYSHED

Sr. No.	Tools / Equipment	Specifications	Qty
1	Tractor	- Engine: 2.5L, 3-cylinder diesel engine- Power: 50 HP at 2,250 rpm- Transmission: 8 forward, 2 reverse gears- Fuel Tank Capacity: 47.5 liters- Weight: 1,650 kg- Manual steering- Dual clutch system- Live PTO with 540 rpm at 1,789 engine rpm- Hydraulic system with a lift capacity of 1,415 kg- Dimensions: Length 3,260 mm, Width 1,651 mm, Height over exhaust 2,145 mm- Ground Clearance: 338 mm	1
2	Complete Tool Kit	A comprehensive set typically including wrenches, screwdrivers, pliers, hammers, measuring tape, etc.	1
3	Laser Leveler	- Laser transmitter and receiver- Control box- Hydraulic system for blade adjustments- Leveling blade width: 2-3 meters- Accuracy: ±2 mm- Compatible with tractors of 50 HP and above	1 set
4	Wheat Thresher with additional sieves	- Capacity: 1-1.5 tons per hour- Power Requirement: 35-50 HP- Threshing drum speed: 600-800 rpm- Includes multiple sieves for different grain sizes-Output grain purity: 98%	1
5	Knapsack Hand Sprayer (Manual)	- Capacity: 16 liters- Hand-operated piston pump- Adjustable nozzle- Pressure range: 2-4 bar- Weight: 3-4 kg	2
6	Knapsack Hand Sprayer with Motor	- Capacity: 16-20 liters- Battery-operated or small gasoline engine- Pressure range: 2-5 bar- Adjustable nozzle- Weight: 6-8 kg	2
7	Ultra Low Volume (ULV) Sprayer	- Droplet size: 5-50 microns- Tank capacity: 5-10 liters- Flow rate: 0.5-2 liters per hour- Power: Electric or gasoline engine- Weight: 5-7 kg	1
8	Rotary Slasher Model	- Cutting width: 1.5-1.8 meters- Blade speed: 1,500-2,000 rpm- Power Requirement: 40-60 HP- Adjustable cutting height- Weight: 300-400 kg	1
9	Boom Sprayer	- Tank capacity: 200-600 liters- Boom length: 6-12 meters- Nozzle spacing: 50 cm- Pressure range: 2-5 bar- Power Requirement: 40-60 HP	1
10	Bed Planter	- Row spacing: Adjustable 60-75 cm- Number of rows: 2-4- Seed metering: Fluted roller or pneumatic- Fertilizer application: Optional- Power Requirement: 50-70 HP	1
11	Band Placement Drill (Seed + Fertilizer)	- Row spacing: Adjustable 15-30 cm- Number of rows: 9-13- Seed and fertilizer metering: Fluted roller- Power Requirement: 50-70 HP	1
12	Kharif Drill (Seed + Fertilizer)	- Row spacing: Adjustable 20-40 cm- Number of rows: 7-11- Seed and fertilizer metering: Fluted roller- Power Requirement: 50-70 HP	1
13	Moldboard Plough (3 tines)	- Working width: 90-120 cm- Working depth: 25-30 cm- Number of bottoms: 3- Power Requirement: 50-70 HP- Weight: 300-400 kg	1
14	Disc Plough (3 discs)	- Working width: 90-120 cm- Disc diameter: 660-710 mm- Working depth: 20-25 cm- Power Requirement: 50-70 HP- Weight: 350-450 kg	1
15	Chisel Plough (3 tines)	- Working width: 120-150 cm- Working depth: 30-45 cm- Number of tines: 3-Power Requirement: 60-80 HP- Weight: 400-500 kg	1

16	Cultivator (11 tines)	- Working width: 220-250 cm- Working depth: 15-20 cm- Number of tines:	1
	(== -==,	11- Power Requirement: 50-70 HP- Weight: 250-350 kg	
17	Rotavator (6 blades)	- Working width: 150-180 cm- Number of blades: 36-42 (6 per flange)- Rotor	1
	, , ,	speed: 200-250 rpm- Power Requirement: 50-70 HP- Weight: 350-450 kg	
18	Disc Harrow (14 discs)	- Working width: 150-180 cm- Disc diameter: 460-560 mm- Number of discs:	1
		14- Working depth: 10-15 cm- Power Requirement: 50-70 HP- Weight: 400-	
		500 kg	
19	Border Disc (1 disc)	- Disc diameter: 660-710 mm- Adjustable angle and depth- Power	1
		Requirement: 40-60 HP- Weight: 150-200 kg	
20	Seed Grader	- Capacity: 500-1,000 kg per hour- Screens: Multiple interchangeable for	1
		different seed sizes- Power: Electric motor or PTO-driven	
21	Fertilizer Spreader	- Type: Single/Double Disc- Mounting: 3-point linkage- Capacity: 400-1000	1
	_	liters- Distribution: Even spreading with adjustable flow- Power Requirement:	
		Tractor PTO driven	
22	Sickles	- Type: Curved blade- Blade: Heat-treated steel, 15" length- Handle: 7"	25
		wooden grip- Use: Grass and weed cutting	
23	Spades	- Head Material: Iron- Head Size: 10"x11"- Handle: 30" wooden handle- Use:	25
	_	Digging and soil work	
24	Khurpa (Ramba)	- Blade Width: 3 inches- Handle: Wooden- Use: Soil breaking and gardening	25

LABORATORY EQUIPMENT FOR PLANT PROTECTION

S.	Equipment	Specifications	Quantity
No.			
1	Insect Show Case	Material: Transparent acrylic or glass	10
		Dimensions: 30x20x15 cm	
		Features: Removable trays, ventilation holes, secure locking mechanism	
2	Chemical Jar	Material: Borosilicate glass	10
		Capacity: 500 ml	
		Features: Leak-proof screw cap, chemical-resistant labeling	
3	Measuring Jar Set	Material: Plastic or glass	5
		Sizes: 100 ml, 250 ml, 500 ml, 1000 ml	
		Features: Graduated markings for precise measurements	
4	Test Tubes	Material: Borosilicate glass	50
		Size: 16x100 mm	
		Features: Heat-resistant, chemical-resistant	
5	Complete Pest Scouting	Contents: Insect collection jars, identification charts, magnifying glass,	5
	Kit	data recording sheets	
6	Laboratory Flask Set	Material: Borosilicate glass	5
		Sizes: 100 ml, 250 ml, 500 ml, 1000 ml	
		Features: Narrow or wide neck options, heat-resistant	
7	Insect Setting Board	Material: Wood or plastic	10
	_	Dimensions: 30x20 cm	
		Features: Pins for insect specimen mounting, smooth surface	

8	Thermometer Complete	Type: Digital or mercury	2
	Set	Range: -10°C to 110°C	
		Features: High precision, easy-to-read display, calibration certificate	
9	Insect Rearing Cages	Material: Transparent acrylic or glass	2
		Dimensions: 25x25x25 cm	
		Features: Ventilation, removable trays for easy cleaning	
10	Spray Safety Kit	Contents: Chemical-resistant gloves, safety goggles, face mask, apron	5
		Features: Adjustable sizes, compliant with safety standards	

<u>LABORATORYEQUIPMENTSFORAGRONOMY/SOILSCIENCE/HORTICULTURE</u> BOQ-6

S. No.	Equipment	Specifications	Quantity
1	Soil Sampling Kit	Contents: Various sampling tools, containers, and accessories for collecting soil samples Features: Compact, portable, with storage bag	5
2	pH Meter with Spare Electrode	Type: Digital Features: Automatic calibration, LCD display, includes spare electrode for extended use	1
3	Auger Graduated	Material: Stainless steel Features: Graduated markings for depth measurement, ergonomic handle	5
4	Measuring Tapes (10 & 100 ft.)	Material: High-quality fiberglass Features: Durable, easy-to-read markings, lock mechanism for accurate measurement	2
5	Plastic Trays for Germination Test	Material: Plastic Dimensions: Standard for germination test Features: Lightweight, durable, easy to clean	25
6	Overhead Electrical Balance	Capacity: 5 kg to 10 kg Features: High precision, LCD display, rechargeable battery, autozero function	1
7	Pruning Scissors	Material: Stainless steel Features: Sharp blades, ergonomic handles, spring-loaded for ease of use	20
8	Scatur	Material: Metal Features: Durable, sharp edge for cutting, comfortable grip	5
9	Picking Bags	Material: Durable canvas or nylon Features: Large capacity, reinforced handles, ideal for picking fruits or vegetables	20
10	Axe (Different Size)	Material: Steel blade, wooden handle Features: Sharp edge, multiple sizes for different uses	3
11	Saw (Small)	Material: Steel blade, wooden handle Features: Compact size, sharp blade for precision cutting	2
12	Ladder	Material: Aluminum or fiberglass Features: Lightweight, foldable for easy storage, height range 6 to 10 feet	2

13	Iron Stools (Ghori)	Material: Iron	2
		Features: Strong, stable seating, durable for outdoor use	
14	Safety Cap	Material: Plastic or metal	25
		Features: Adjustable, durable, protective design for use in hazardous	
		environments	
15	Role Pruner	Material: Stainless steel	5
		Features: Sharp, precise cutting for branches and shrubs, ergonomic	
		handle	
16	Rose Cutter	Material: Stainless steel	5
		Features: Sharp blades, ideal for cutting rose stems, ergonomic	
		handle	
17	Hedge Cutter	Material: Steel	10
		Features: Dual-action blade for faster cutting, ergonomic design,	
		suitable for thick hedges	
18	Choua Ramba	Material: Wood or metal	5
		Features: Strong, durable tool for agricultural use, ideal for pruning	
		or cutting	
19	Budding Knife	Material: Stainless steel	10
		Features: Sharp blade, ergonomic handle, ideal for plant grafting and	
		budding	
20	Weighing Scale (100 KG)	Type: Digital	1
		Features: High precision, large capacity up to 100 kg, LCD display,	
		tare function	
21	Thermometer	Type: Digital or mercury	3
		Features: Wide temperature range, high precision, easy-to-read	
		display	

COMPUTER LAB/ I.T EQUIPMENT

S.NO	Description	Qty
1.	COMPUTER Desktop	25
	Branded 14th Generation Core i7 PCs or higher	
	Chipset Q 670 or Higher	
	Minimum 12MB Cache or Higher	
	RAM 16 GB DDR-5 ,	
	Hard Drive 1 TB SSD	
	8 GB Dedicated Graphic Card	
	Wifi Module (Optional)	
	Network Port 1 Gbps LED Screen 21.5"	
	Operating System Windows 11 Professional LICENSE	
	Warranty 3/3/3 Years (onsite, Parts and Labor)	
	Includes all accessories and relevant software's.	
2.	MULTIFUNCTIONAL PRINTERS	1
	Functions: PRINT/SCANNER/COPY/Wireless	
	PRINTER TECHNOLOGY: Laser	
	CONNECTIVITY, STANDARD: 1 Hi-Speed USB 2.0, Fast Ethernet 10/100Base-TX	
	MOBILE PRINTING CAPABILITY: Yes	
	WIRELESS: Yes	
	DISPLAY: 3.0-in (7.62-cm) touch screen CGD	
	PRINT SPEED BLACK: Up to 22 PPM	
	PRINT QUALITY: Up to 600 x 600 dpI	
3.	MULTIMEDIA PROJECTORS	1
	Brightness: 3200 Lumen XGA	
	Display System: 3 LCD system	
	Size of effective display area: 0.63"(16mm) x 3, Aspect ratio: 4:3	
	Number of pixels: 2,359,296 (1024x768 x 3) pixels	
	Zoom: Optical: Manual (Approx. x 1.3)	
	Focus: Manual	
	Throw ratio: 1.37:1 to 1.80:1	
	Light source: Ultra high pressure mercury lamp 215 W type	
	Lamp mode: High / Standard / Low: 3000 H / 5000 H / 10000 H	
	Filter cleaning cycle*1Max. 1000 Hours	
	Display Screen size: 30" to 300" (0.76 m to 7.62 m)	
	Lamp mode: High / Standard / Low: 3200 lm / 2300 lm / 2000 lm	
	Contrast ratio (full white / full black)*3: 4000:1	
	Computer signal input: Maximum display resolution: UXGA 1600 x 1200 dots*4	
	Projector Screen: 8' x 10' Wall Mount with Ceiling Mount Kit complete with	
	installation & Wiring	
	Or Higher	

4.	Air Condition 1.5 Tons DC inverter	1	
5.	Networking of Computer Lan 48 PORT Giga Bit Switch managed with 4 SFP slots (SFP INCLUDED) TPLINK or Equitant 6 U Cabinet with 8 Port PDU branded 48 Port Patch Panel Cat 6 Fully Loaded Cat-6 Cable 23 AWG Pure Copper 3M / HIK Vision / CORNING Face Plate Dual Shutter With Tool Less Key Stone Jack and Back Box RJ -45 Connectors PATCH Cords for Computers	1	
6.	Computer Laboratory tools Box		
7.	UPS instructor's workstation desk, Network Switch & Multimedia 5KVA Online with Standard backup	1	
8.	Photocopier Machine Speed: 25 CPM or higher Resolution Print 1200x1200 dpi Warm up time 10 second Memory: 1.5GB or higher Counter: 999 Paper support: 500 sheet x 2Tray & 100 sheet by pass Feeder: Duplex Automatic Document Feeder (RADF) Interface: Hi Speed USB & LAN Network WIFI: Yes, Built-in Toner: 15,000 pages or higher Drum life 300,000 copies	1	