



University of Agriculture, Faisalabad

Bidding Documents

Tender No.103/2021

SPECIAL INSTRUCTIONS

- No cutting, erasing is allowed in the Tender bid.
- Bid offered strictly in accordance with the bid document will only be accepted.
- Only typed bid will be accepted
- Call Deposit Receipt (CDR) will be preferred. However, Bank Guarantee may also be accepted in case of performance security. CDR including other instruments will be deposited in the University relevant account and in that eventuality, the release of the requisite amount would be made in shape of crossed cheque after deductions of necessary taxes and bank charges

**THIS IS FOR STRICT COMPLIANCE, FAILING WHICH THE
RESPECTIVE BID SHALL STAND CANCELLED**

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Section I.

Invitation for Bids



UNIVERSITY OF AGRICULTURE, FAISALABAD (TENDER NOTICE No.103/2021)

Sealed tenders are invited from Income Tax and Sales Tax registered firms on the basis of Single Stage (two envelop procedure) for **Purchase of Equipment** under project titled “**Strengthening of AMRI Research and Development Capabilities in Collaboration with UAF for fabrication of cost effective and efficient small agriculture implements for small farmers**” for the Department of Farm Machinery and Power at University of Agriculture, Faisalabad.

Date of Receiving and Opening	27.10.2021	Receiving Time	10:30 a.m.
		Opening Time	11:00 a.m.
		Bid Security	2% of the
			Estimated Cost
		Tender Fee	Rs.500/-*
			(Free, if Downloading)
* Link for free Downloading: http://uaf.edu.pk/directorates/dpiv/dpiv_tenders.html			

- The bidding documents are available in the office of the Treasurer (**Tender Cell**) and the same may be obtained subject to payment of the cost of the printing and provision of the document (tender Fee) as mentioned above to be deposited in the University Income Account (No.11-9/NBP, UAF Branch).
- All the interested bidders will submit the bids in the Tender Cell, 1st Floor Admin. Block Treasurer's Office, University of Agriculture, Faisalabad (UAF) as per schedule mentioned above.**

DIRECTOR (DPIC)
(For & On behalf of the Committee)
 Phone#041-9200898, 9200161 Extn.3505
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store_officer@uaf.edu.pk

Section II.

Instructions to Bidders

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Instructions to Bidders

A. Introduction

1. Source of Funds	University of Agriculture, Faisalabad.
2. Eligible Bidders	2.1 The invitation for Bids is opened to all supplier having trade relations with Pakistan and registration for National Tax Number & Sales Tax Number with Federal Board of Revenue 2.2 Bidders should not be associated, or have been associated in the past, directly or indirectly, with a firm or any of its affiliates which have been engaged by the 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 this Invitation for Bids. 2.3 Only Government owned enterprises may participate, only if they are legally allowed. 2.4 bidders shall not be under a declaration of ineligibility in accordance with ITB 36.1&37 by any Government organization. The bidder shall provide affidavit to this effect.
3. Eligible Goods and Services	3.1 All goods and related services to be supplied under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such goods and services. 3.2 For purposes of this clause, “origin” means the place where the goods are mined, grown, or produced, or the place from which the related services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially-recognized product results that is substantially different in basic characteristics or in purpose or utility from its components. 3.3 The origin of goods and services is distinct from the nationality of the Bidder.
4. Cost of Bidding	4.1 The Bidder shall bear all costs associated with the preparation and submission of its bid, and the Purchaser named in the bid date sheet, hereinafter referred to as “the purchaser” will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

B. The Bidding Documents

5. **Content of Bidding Documents**

5.1

The goods required, 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
 - (c) General Conditions of Contract (GCC)
 - (d) Special Conditions of Contract (SCC)
 - (e) Schedule of Requirements
 - (f) Technical Specifications
 - (g) Bid Form and Price Schedules
 - (h) Manufacturer’s Authorization Form
 - (i) Integrity pact.
 - (j) Mechanism of Blacklisting and Deregistration

5.2

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

6.1

A prospective Bidder requiring any clarification of the bidding documents may notify the Purchaser in writing at the Purchaser’s address indicated in the **Bid Data Sheet**. The Purchaser will respond in writing to any request for clarification of the bidding documents which it receives prior to the deadline for the submission of bids prescribed in ITB Clause 19.1. Written copies of the Purchaser’s response (including an explanation of the query but without identifying the source of inquiry) will be sent to all prospective bidders that have received the bidding documents.
7. **Amendment of Bidding Documents**

7.1

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

7.2

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

7.3

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

C. Preparation of Bids

8. Language of Bid

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

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

(a) a Bid Form and a Price Schedule completed in accordance with ITB Clauses 10, 11, and 12;

(b) documentary evidence established in accordance with ITB Clause 13 that the Bidder is eligible to bid and is qualified to perform the contract if its bid is accepted;

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

(d) bid security furnished in accordance with ITB Clause 15.
10. Bid Form

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

10.2 Bidders tendering for engineering goods produced in Pakistan shall be accorded a price preference in rupees up to a specific percentage (in proportion to the value addition) of the lowest quoted landed cost of an item of foreign origin with similar specifications as mentioned in the tenders:

(1) Provided that-

(a) The saving in foreign exchange is not less than the amount of price preference: and

(b) It is ensured that in each case of such preference, the total import requirements for producing the supplies tendered for locally manufactured items has been duly indicated by the bidders.

(2) Price preference shall be allowed as under:-

(a) Having minimum of twenty percent value addition through indigenous manufacturing price preference shall fifteen percent;

(b) Having over twenty percent and up to thirty percent value addition through indigenous manufacturing, price preference shall be twenty percent, and

(c) Having over thirty percent value addition through indigenous manufacturing, price preference shall be twenty five percent.

- (3) For the purpose of granting a margin of domestic preference bids will be classified into following groups.

Group.A. Bids offering engineering goods produced in Pakistan.

Group.B. Bids offering good of foreign origin to be imported by the purchaser through the supplier's Local (Pakistan) Agent.

Group.C. Bids offering good of foreign origin to be imported by the purchaser directly.

11. Bid Prices

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

11.2 Prices indicated on the Price Schedule shall be entered separately in the following manner or specified otherwise in the Bid Data Sheet:-

- a). for goods offered from within Pakistan;

the price shall be quoted on FOR UAF basis. (FOR means the price of goods quoted by the bidder shall be inclusive of all costs, expenses, charges, duties and taxes etc. whatsoever incidental to their delivery, installation and commissioning as the case may be at UAF site).

- b) for goods offered from abroad by the LOCAL AGENT:

the price shall be quoted Cost and Freight (CFR), Carriage Paid to (Duty Paid) (CPT) Karachi seaport or Lahore/Faisalabad airport Pakistan, as the case may be. The bidder shall also add all cost expenses, charges, duties and taxes etc. whatsoever expect customs, incidental to delivery installation/commissioning of goods from the port of destination to UAF site. The bidder, in quoting the price, shall be free to use transportation in abroad except transit and means of transport through/of Israel. The LC at sight, as on Usance basis and Advance Payment will be governed as per following:-

i. LC AT SIGHT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to initiate the LC at sight.

ii. LC ON USANCE BASIS

In case the bidder, is unable to provide CDR in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported, may chose this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note **within fortnight** to initiate the LC on usance basis (minimum usance period 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading).

iii. ADVANCE PAYMENT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as

security equal to 100% amount of the goods to be imported to proceed for advance payment to the exporter. However, this option will be had where the value of the goods to be imported is up to US \$ 10,000 or varied in accordance with the instructions of the State Bank of Pakistan and Pakistan Customs issued from time to time and remittance will also be made accordingly.

iv. OPEN ACCOUNT

In case the bidder has not opted for import through LC (at sight or Usance basis or advance payment) may opt this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. However, remittance will be made maximum up to six months from the date of filing of Goods Declaration (GD) form or otherwise as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

v. CONTRACT / COLLECTION

In case the bidder has not opted the options referred to “i to iv” above and may opt for this option. The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. The minimum period for remittance will be 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading. However, remittance will be made as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

vi. INCIDENTAL CHARGES FOR IMPORT OF GOODS:

All charges (Inside/outside Pakistan) like insurance, LC/bank and clearance of consignment from port/custom authorities will be borne by the bidder.

vii. RELEASE OF CDR

In case of LC at sight and advance payment to exporter, the CDR equal to 100% amount of the shipment as security will be released by Director (DPIC) after receiving of satisfactory inspection/installation/commissioning report from convener tender committee concerned.

viii. INITIATION OF REMITTANCE TO THE EXPORTER

In case of LC on usance basis, import on Open Account and Contract / Collection basis, the Director (DPIC) will initiate remittance through the concern bank to the exporter after receiving the satisfactory inspection/installation/commissioning report from the purchaser or the convener tender committee as the case may be.

DELIVERY PERIOD

After receiving the transmitted LC (at sight OR Usance Basis) OR swift acknowledgment against advance payment / proof of advance payment OR supply order on “Open Account” or “Contract / Collection” basis, the local supplier is responsible to provide complete set of shipping documents [i.e. Airway Bill/Seaway Bill/Bill of Lading, Commercial Invoice, Packing List, Country of Origin Certificate and any other document(s) related to shipment (if required) along with detail of bidder’s clearing agent for issuance of authority letter for clearance of consignment from port / custom authorities] ***within 6 weeks from the date of opening of LC (at sight or usance basis), advance payment and date of supply order for import of goods on “Open Account” or “Contract / Collection” basis. Moreover, after clearance of consignment by bidder from port / custom authorities, will deliver the consignment to the purchaser along with complete set of post shipment documents***

within 05 days from the date of Authority Letter. After expiry of the requisite period, firm will require to apply for extension in delivery period. However, after due scrutiny the Committee may extend the delivery period with liquidated damages as per applicable rate if the delay is on part of the bidder or without liquidated damages if the delay is on the part of the procuring agency or due to “force majeure”.

NOTE:

In case of late submission of Proforma Invoice, shipping documents and delivery of goods, difference of exchange rate on higher side as well as liquidated damages shall be recovered out of belongings of the bidders @ 0.67% of the value of the goods up to maximum 10% of the value of goods.

- 11.3 The terms CFR, CPT, etc., shall be governed by the rules prescribed in the current edition of *Incoterms* published by the International Chamber of Commerce, Paris or otherwise specified in the Bid Data Sheet and SCC
- 11.4 The Bidder’s separation of price components in accordance with ITB Clause 11.2 above will be solely for the purpose of facilitating the comparison of bids by the Purchaser and will not in any way limit the Purchaser’s right to contract on any of the terms offered.
- 11.5 Prices quoted by the Bidder shall be fixed during the Bidder’s performance of the contract and not subject to variation on any account, unless otherwise specified in the Bid Data Sheet. A bid submitted with an adjustable price quotation will be treated as non-responsive and will be rejected, pursuant to ITB Clause 24. If, however, in accordance with the Bid Data Sheet, prices quoted by the Bidder shall be subject to adjustment during the performance of the contract, a bid submitted with a fixed price quotation will not be rejected, but the price adjustment would be treated as zero.

12. Bid Currencies

- 12.1 Prices shall be quoted in the following currencies:
 - (a) For goods and services that the Bidder will supply from within the Purchaser Country, the prices shall be quoted in Pak Rupees, unless otherwise specified in the **Bid Data Sheet**.
 - (b) For goods and services that the Bidder will supply from outside the Purchaser Country, the prices shall be quoted in any currency. However the payment will only be made by the purchaser in pak rupees in case of ITB clause 11.2 (b) and SCC.

13. Documents Establishing Bidder’s Eligibility and Qualification

- 13.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the Bidder’s eligibility to bid and its qualifications to perform the contract if its bid is accepted.
- 13.2 The documentary evidence of the Bidder’s eligibility to bid shall establish to the Purchaser’s satisfaction that the Bidder, at the time of submission of its bid, is from an eligible country as defined under ITB Clause 2.
- 13.3 The documentary evidence of the Bidder’s qualifications to perform the contract if its bid is accepted shall establish to the Purchaser’s satisfaction:
 - (a) that, in the case of a Bidder offering to supply goods under the contract which the Bidder did not manufacture or otherwise produce, the Bidder has been duly authorized by

the goods’ Manufacturer or producer to supply the goods in the Purchaser Country;

- (b) that the Bidder has the financial, technical, and production capability necessary to perform the contract;
- (c) that, in the case of a Bidder not doing business within the Purchaser Country, the Bidder is or will be (if awarded the contract) represented by an Agent in that country equipped and able to carry out the Supplier’s maintenance, repair, and spare parts-stocking obligations prescribed in the Conditions of Contract and/or Technical Specifications; and
- (d) that the Bidder meets the qualification criteria listed in the **Bid Data Sheet**.

14. Documents Establishing Goods’ Eligibility and Conformity to Bidding Documents

- 14.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, documents establishing the eligibility and conformity to the bidding documents of all goods and services which the Bidder proposes to supply under the contract.
- 14.2 The documentary evidence of the eligibility of the goods and services shall consist of a statement in the Price Schedule of the country of origin of the goods and services offered which shall be confirmed by a certificate of origin issued at the time of shipment.
- 14.3 The documentary evidence of conformity of the goods and services to the bidding documents may be in the form of literature, drawings, and data, and shall consist of:
 - (a) a detailed description of the essential technical and performance characteristics of the goods;
 - (b) a list giving full particulars, including available sources and current prices of spare parts, special tools, etc., necessary for the proper and continuing functioning of the goods for a period to be specified in the **Bid Data Sheet**, following commencement of the use of the goods by the Purchaser; and
 - (c) an item-by-item commentary on the Purchaser’s Technical Specifications demonstrating substantial responsiveness of the goods and services to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications.
- 14.4 For purposes of the commentary to be furnished pursuant to ITB Clause 14.3(c) above, the Bidder shall note that standards for workmanship, material, and equipment, as well as references to brand names or catalogue numbers designated by the Purchaser in its Technical Specifications, are intended to be descriptive only and not restrictive. The Bidder may substitute alternative standards, brand names, and/or catalogue numbers in its bid, provided that it demonstrates to the Purchaser’s satisfaction that the substitutions ensure substantial equivalence to those designated in the Technical Specifications.

15. Bid Security

- 15.1 Pursuant to ITB Clause 9, the Bidder shall furnish, as part of its bid, a bid security @ 2% of the Estimated Cost or in the amount specified otherwise in the **Bid Data Sheet**.
- 15.2 The bid security is required to protect the Purchaser against the risk of Bidder’s conduct which would warrant the security’s

forfeiture, pursuant to ITB Clause 15.7.

15.3 The bid security shall be denominated in the currency of the bid or in another freely convertible currency, and shall be in one of the following forms:

(a) Call deposit receipt (CDR).

15.4 Any bid not secured in accordance with ITB Clauses 15.1 and 15.3 will be rejected by the Purchaser as nonresponsive, pursuant to ITB Clause 24.

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

15.6 The successful Bidder's bid security will be discharged upon the Bidder signing the contract, pursuant to ITB Clause 34, and furnishing the performance security, pursuant to ITB Clause 35.

15.7 The bid security may be forfeited:

(a) if a Bidder:

- (i) withdraws its bid during the period of bid validity specified by the Bidder on the Bid Form, or
- (ii) does not accept the correction of errors pursuant to ITB Clause 24.2; or

(b) in the case of a successful Bidder, if the Bidder fails:

- (i) to sign the contract in accordance with ITB Clause 34; or
- (ii) to furnish performance security in accordance with ITB Clause 35.

**16. Period of
Validity of
Bids**

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

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

**17. Format and
Signing of
Bid**

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

17.2 The original bid shall be typed and signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. All pages of the bid, except for unamended printed literature, shall be initialed by the person or persons signing the bid.

- 17.3 Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.
- 17.4 The Bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to this Bid, and to contract execution if the Bidder is awarded the contract.

D. Submission of Bids

18. Sealing and Marking of Bids

- 18.1 The Bidder shall seal the Technical and Financial Bid in separate envelopes, duly marking the envelopes as “TECHNICAL” and “FINANCIAL.” The envelopes shall then be sealed in an outer envelope.
- 18.2 The inner and outer envelopes shall:
 - (a) be addressed to the Purchaser at the address given in the **Bid Data Sheet**; and
 - (b) bear the Project name indicated in the Bid Data Sheet, the Invitation for Bids (IFB) title and number indicated in the Bid Data Sheet, and a statement: “DO NOT OPEN BEFORE,” to be completed with the time and the date specified in the **Bid Data Sheet**, pursuant to ITB Clause 22.1.
- 18.3 The inner envelopes shall also indicate the name and address of the Bidder to enable the bid to be returned unopened in case it is declared “late.”
- 18.4 If the outer envelope is not sealed and marked as required by ITB Clause 18.2, the Purchaser will assume no responsibility for the bid’s misplacement or premature opening.

19. Deadline for Submission of Bids

- 19.1 Bids must be received by the Purchaser at the address specified under ITB Clause 18.2 (a) not later than the time and date specified in the **Bid Data Sheet**.
- 19.2 The Purchaser may, at its discretion, extend this deadline for the submission of bids by amending the bidding documents in accordance with ITB Clause 7, in which case all rights and obligations of the Purchaser and bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

20. Late Bids

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

21. Modification and Withdrawal of Bids

- 21.1 The Bidder may modify or withdraw its bid after the bid’s submission, provided that written notice of the modification, including substitution or withdrawal of the bids, is received by the Purchaser prior to the deadline prescribed for submission of bids.
- 21.2 The Bidder’s modification or withdrawal notice shall be prepared, sealed, marked, and dispatched in accordance with the provisions of ITB Clause 18. A withdrawal notice may also be sent by fax, but followed by a signed confirmation copy, postmarked not later than the deadline for submission of bids.
- 21.3 No bid may be modified after the deadline for submission of bids.
- 21.4 No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the period of bid validity

specified by the Bidder on the Bid Form. Withdrawal of a bid during this interval may result in the Bidder’s forfeiture of its bid security, pursuant to the ITB Clause 15.7.

E. Opening and Evaluation of Bids

22. Opening of Bids by the Purchaser

22.1

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

22.2

The bidders’ names, bid modifications or withdrawals, bid prices, discounts, and the presence or absence of requisite bid security and such other details as the Purchaser, at its discretion, may consider appropriate, will be announced at the opening. No bid shall be rejected at bid opening, except for late bids, which shall be returned unopened to the Bidder pursuant to ITB Clause 20.

22.3

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

22.4

The Purchaser will prepare minutes of the bid opening.
23. Clarification of Bids

23.1

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

24.1

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

24.2

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

24.3

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

24.4

Prior to the detailed evaluation, pursuant to ITB Clause 26, the Purchaser will determine the substantial responsiveness of each bid to the bidding documents. For purposes of these Clauses, a substantially responsive bid is one which conforms to all the terms and conditions of the bidding documents without material deviations. Deviations from, or objections or reservations to critical provisions, **such as** those concerning Bid Security (ITB Clause 15), Applicable Law (GCC Clause 31), and Taxes and Duties (GCC Clause 33), will be deemed to be a material

deviation. The Purchaser's determination of a bid's responsiveness is to be based on the contents of the bid itself without recourse to extrinsic evidence.

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

- 25. Conversion
to Single
Currency**

25.1 To facilitate evaluation and comparison, the Purchaser will convert all bid prices expressed in the amounts in various currencies in which the bid prices are payable to either:

(a) Purchaser Country at the selling exchange rate established for similar transactions by the State Bank of Pakistan and National Bank of Pakistan or specified otherwise;
- 25.2 The currency selected for converting bid prices to a common base for the purpose of evaluation is Pak Rupees to be converted as per rate of the bank shown in ITB 25.1 (a) on the date of opening of the financial bid or specified otherwise in the **Bid Data Sheet**.

**26. Evaluation
and
Comparison
of Bids**

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

26.2 The Purchaser's evaluation of a bid will take into account, in addition to the bid price quoted in accordance with ITB Clause 11.2, one or more of the following factors as specified in the **Bid Data Sheet**, and quantified in ITB Clause 26.3:

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

26.3 For factors retained in the Bid Data Sheet pursuant to ITB 26.2, one or more of the following quantification methods will be applied, as detailed in the Bid Data Sheet:

- (a) *Delivery schedule.*
 - (i) The goods covered under this invitation are required to be delivered (shipped) within an acceptable range of weeks specified in the Schedule of Requirement. No credit will be given to earlier deliveries, and bids offering delivery beyond this range will be treated as nonresponsive. Within this acceptable range, an adjustment per week, as specified in the **Bid Data Sheet**, will be added for evaluation to the bid price of bids offering deliveries later than the earliest delivery period specified in the Schedule of Requirements.
- (b) *Deviation in payment schedule.*
 - (i) The SCC stipulates the payment schedule offered by the Purchaser. If a bid deviates from the schedule it will be considered as non-responsive bid.
- (c) *Cost of spare parts.*
 - (i) The list of items and quantities of major assemblies, components, and selected spare parts, likely to be required during the initial period of operation shall be specified by the bidder. The total cost of these items, at the unit prices quoted in each bid, will be added to the bid price.

or

- (ii) The bidder will draw up a list of high-usage and high-value items of components and spare parts, along with estimated quantities of usage in the initial

period of operation. The total cost of these items and quantities will be computed from spare parts unit prices submitted by the Bidder and added to the bid price.

- (d) *Spare parts and after sales service facilities in the Purchaser's country.*

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

- (e) *Operating and maintenance costs.*

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

- (f) *Performance and productivity of the equipment.*

- (i) Goods offered shall have a minimum productivity specified under the relevant provision in the Technical Specifications to be considered responsive. Evaluation shall be based on the cost per unit of the actual productivity of goods offered in the bid or otherwise specified in the **Bid Data Sheet** or in the Technical Specifications.

- (g) *Specific additional criteria*

Other specific additional criteria to be considered in the evaluation and the evaluation method shall be detailed in the **Bid Data Sheet** and/or the Technical Specifications.

26.4. **Delivery Schedule.**

As mentioned in Bid Data Sheet.

27. Domestic Preference

27.1

If the **Bid Data Sheet** so specifies, the Purchaser will grant a margin of preference to goods manufactured in the Purchaser’s country for the purpose of bid comparison, in accordance with the procedures outlined in subsequent paragraphs, provided the Bidder shall have established to the satisfaction of the Purchaser that its bid complies with the criteria specified in ITB Clause 10.2 (a):

27.2

The Purchaser will first review the bids to confirm the appropriateness of, and to modify as necessary, the bid group classification to which bidders assigned their bids in preparing their Bid Forms and Price Schedules, pursuant to ITB Clauses 10 and 11.

27.3

All evaluated bids in each group will then be compared among themselves to determine the lowest evaluated bid of each group. The lowest evaluated bid of each group will next be compared with the lowest evaluated bids of the other groups. If this comparison results in a bid from Group A or Group B being the lowest, it will be selected for contract award.

27.4

If, as a result of the preceding comparison, the lowest evaluated bid is from Group C, all Group C bids will then be further compared with the lowest evaluated bid from Group A, after adding to the evaluated bid price of the imported goods offered in each Group C bid, for the purpose of this further comparison only:

(a)

the amount of customs duties and other import taxes that a nonexempt importer would have to pay for the importation of goods offered in each Group C bid;

If the Group A bid in the further comparison is the lowest, it will be selected for award. If not, the lowest evaluated bid from Group C, as determined from the comparison under ITB Clause 27.3 above, will be selected for award.

28. Contacting the Purchaser

28.1

From the time of bid opening to the time of contract award, if any bidder wishes to contact the Purchaser on any matter related to the bid, it should do so in writing.

28.2

Any effort by a Bidder to influence the Purchaser in its decisions on bid evaluation, bid comparison, or contract award may result in the rejection of the Bidder’s bid.
- F. Award of Contract
29. Post-qualification

29.1

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

29.2

The determination will take into account the Bidder’s financial, technical, and production capabilities. It will be based upon an examination of the documentary evidence of the Bidder’s qualifications submitted by the Bidder, pursuant to ITB Clause

	13.3, as well as such other information as the Purchaser deems necessary and appropriate.
	29.3 An affirmative determination will be a prerequisite for award of the contract to the Bidder. A negative determination will result in rejection of the Bidder’s bid, in which event the Purchaser will proceed to the next lowest evaluated bid to make a similar determination of that Bidder’s capabilities to perform satisfactorily.
30. Award Criteria	30.1 Subject to ITB Clause 32, the Purchaser will award the contract to the successful Bidder whose bid has been determined to be substantially responsive and has been determined to be the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the contract satisfactorily.
31. Purchaser’s Right to Vary Quantities at Time of Award	31.1 The Purchaser reserves the right at the time of contract award to increase or decrease, as per requirement, the quantity of goods and services originally specified in the Schedule of Requirements without any change in unit price or other terms and conditions.

- | | |
|---|--|
| 32. Purchaser's Right to Accept Bid and to Reject All Bids | 32.1 The Purchaser reserves the right to accept bid and to annul the bidding process and reject all bids at any time prior to contract award, without thereby incurring any liability to the affected Bidder or bidders. |
| 33. Notification of Award | <p>33.1 Prior to the expiration of the period of bid validity, the Purchaser will notify/inform the successful and unsuccessful Bidder in writing by letter or by Fax/ e-mail, or telephonically, that its bid has been accepted and unaccepted as the case may by.</p> <p>33.2 The notification of award will constitute the formation of the Contract.</p> <p>33.3 Upon the successful Bidder's furnishing of the performance security pursuant to ITB Clause 35, the Purchaser will discharge bid security to each unsuccessful Bidder on his written request, pursuant to ITB Clause 15.</p> <p>33.4 If, after notification of award, a Bidder wishes to ascertain the grounds on which its bid was not selected, it should address its request to the Purchaser. The Purchaser will promptly respond in writing to the unsuccessful Bidder.</p> |
| 34. Signing of Contract | 34.1 After 10 days from the announcement of evaluation report, the Purchaser will send supply order or Formal Contract as the case may be to successful bidder. In case of formal contract, the successful bidder will send back the contract to the purchaser duly signed within 7 days from the issuance date. Failing which the Purchaser reserves the right under ITB Clause 15.7. |
| 35. Performance Security | <p>35.1 Within Seven (07) days from the issuance of acceptance letter from the Purchaser, the successful Bidder shall furnish the performance security in shape of any bank instrument as desired in Page # 1 of Bidding Document. In case the amount of bid security is equal or greater than the value of the goods to be supplied then the bidder shall not require furnishing the performance security separately and the bid security will be retained to meet the requirement of performance security.</p> <p>35.2 Failure of the successful Bidder to comply with the requirement of ITB Clause 35.1 shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security, in which event the Purchaser may make the award to the next lowest evaluated Bidder or call for new bids.</p> |
| 36. Corrupt or Fraudulent Practices | <p>36.1 The purchaser as well as Bidders/Suppliers/Contractors should observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, the PPRA Govt. of the Punjab;</p> <p>(a) the terms set forth below as follows:</p> <p>(i) "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and</p> <p>(ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Purchaser, and includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive</p> |

levels and to deprive the Purchaser of the benefits of free and open competition;

- (b) The purchaser will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
- (c) The Purchaser will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a University Contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a University Contract.

36.2 Furthermore, Bidders shall be aware of the provision stated in Clauses 5.4 and 24.1 of the General Conditions of Contract.

37.Blacklisting/37.1 the Purchaser reserves the right to blacklist or deregister (may impose Permanent or temporary bar for participation in the procurement proceedings respectively) the bidder as follows:-

(a) **Blacklisting:** The bidder who

- (i) Fail to perform contractual obligations or the performance under the contract is not upto the mark;
- (ii) Found to be indulging in corrupt or fraudulent practices;
- (iii) Commit an action causing or liable to cause loss to the University;
- (iv) Furnish false information;

(b) **Deregistration:** The bidder who

- (i) Submit bid as employee of the firm, or proprietor or shareholder being an employee of the University;
- (ii) Show non-responsive attitude in case of summoning by the University.
- (iii) Back out from their offers after opening of tender;
- (iv) Misbehave with the University employee;

37.2 The bidder shall provide affidavit that the firm was not declared blacklisted or deregistered by any of the Federal and Provincial Government institution.

Section III.

Bid Data Sheet

Bid Data Sheet

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

A-Introduction	
ITB 2.1	The invitation for Bids is opened to all suppliers having registration for National Tax Number & Sales Tax Number with Federal Board of Revenue.
ITB2.3	Government owned enterprises may participate, only if they are legally allowed.
ITB 2.4	In addition to the contents of ITB 2.4 the bidder shall not be blacklisted by any organization of the Government of the Punjab as well as Federal Government. The bidder shall provide affidavit to this effect.
B- Bidding Documents	
ITB 5.1(h)	Not applicable
ITB 6.1	Purchaser's address: Dr. Abdul Ghafoor, P.I./Project Coordinator, Department of Farm Machinery & Power THROUGH Directorate of Procurement & Inventory Control (DPIC) University of Agriculture, Faisalabad Phone No. 041-9200898 <u>FOR TECHNICAL RESPONSE:</u> 1. Dr. Abdul Ghafoor, P.I./Project Coordinator, Department Farm Machinery & Power 2. Chairman, Department Forestry & Range Management 3. Chairman, Department Farm Machinery & Power 4. Chairman, Department of Structures & Environmental Engg. 5. Mr. Kashif Akram, Network Administrative (ITRCDB)
C-Preparation of Bid	
ITB 8.1	Language of the bid. “English”
ITB 11.2	Prices on F.O.R. basis is required
ITB 11.2 (c) ITB 11.3	Not applicable
ITB 13.3 (d)	Qualification requirements attached with Technical Bid:- 1. Company /Bidder Profile: a. Experience 2 Years from NTN Registration b. Name of owner/proprietor c. Copy of CNIC d. Date of Establishment, Age of Firm e. Copy of NTN and Sales Tax Registration f. Copy of Professional Tax g. Affidavit (Submission of undertaking on legal valid stamp paper (valuing Rs.100/-) that the firm not blacklisted by any of Provincial or Federal Government

	Department, Agency, Organization or autonomous body or private Sector Organization anywhere in Pakistan h. Copy of last Income tax returns to be attached i. Authorized distributor/dealership certificate issued from manufacturer to be attached with the bid for the Item i.e. 3D Printer						
ITB 15.1	<u>Amount of bid security.</u> 2% of the Estimated Cost in shape of Call Deposit Receipt (CDR) in favour of Director (DPIC), UAF to be attached with the technical Bid. However, if attached with financial bid, please mention CDR No., Date and Bank Name						
ITB 16.1	Bid validity period. 90 Days						
ITB 17.1	Bid: Single Stage (two envelop procedure)						
D-Submission of Bid							
ITB 18.2 (a)	Address for bid submission. Tender Cell, Treasurer's Office, University of Agriculture, Faisalabad						
ITB 18.2 (b)	Tender Notice No. 103/2021						
ITB 19.1	Deadline for bid submission: 27.10.2021						
E-Bid Evaluation							
ITB 25.1(a)	State Bank or a Commercial Bank to be read as State Bank of Pakistan and National Bank of Pakistan						
ITB 25.2	The common base currency is PAK Rupee to be converted as per rate of the bank shown in ITB 25.1(a) of the bid data sheet on the date of opening of the financial bid.						
ITB 26.3 (a)(i)	The SCC stipulates the payment schedule offered by the purchaser. If a bid deviates from the schedule then it will be considered as non-responsive.						
ITB 26.3 (c)	The bidder will provide the cost of spare parts required to be replaced during whole life of the goods after the expiry of warranty period.						
ITB 26.3 (e)	The bidder will provide :- <table> <tr> <td>i) Cost of consumables</td><td>N/A</td></tr> <tr> <td>ii) Unit of energy consumption per hour</td><td>N/A</td></tr> <tr> <td>iii) Life cycle of the goods</td><td>N/A</td></tr> </table>	i) Cost of consumables	N/A	ii) Unit of energy consumption per hour	N/A	iii) Life cycle of the goods	N/A
i) Cost of consumables	N/A						
ii) Unit of energy consumption per hour	N/A						
iii) Life cycle of the goods	N/A						
ITB 26.3 (f)	Performance and productivity of Articles. As per Technical Specification						
ITB 26.3 (g)	As per specification.						
ITB 27	As per ITB clause 10.2 prior to the award of procurement contract						
ITB 33	Subject to PPRA Rule 2014/UAF Procurement Rule 2014, the bidder with the lowest evaluated bid, if not in conflict with any other law, shall be awarded the procurement contract within the original or extended bid validity period after 10 days of announcement of the evaluation report.						

Section IV.

General Conditions of Contract

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General Conditions of Contract

1. Definitions

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

- (a) “The Contract” means the agreement entered into between the Purchaser and the Supplier, as recorded in the Contract Form signed by the parties, or the supply order issued by the purchaser to the supplier, as the case may be, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) “The Contract Price” means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligations.
- (c) “The Goods” means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Purchaser under the Contract.
- (d) “The Services” means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) “GCC” means the General Conditions of Contract contained in this section.
- (f) “SCC” means the Special Conditions of Contract.
- (g) “The Purchaser” means the organization purchasing the Goods, as mentioned in Bid Data Sheet.
- (h) “The Purchaser’s country” is **Pakistan**.
- (i) “The Supplier” means the individual or firm supplying the Goods and Services under this Contract and **named in Supply Order**.
- (j) “The University” means the **University of Agriculture, Faisalabad**.
- (k) “The Project Site,” where applicable, means the place or places **named in Bid Data Sheet and technical specifications**
- (l) “Day” means calendar day.

- | | |
|--|--|
| 2. Application | 2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract. |
| 3. Country of Origin | <p>3.1 All Goods and Services supplied under the Contract shall have their origin in the countries as elaborated in the Technical Specifications.</p> <p>3.2 For purposes of this Clause, “origin” means the place where the Goods were mined, grown, or produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basic characteristics or in purpose or utility from its components.</p> <p>3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.</p> |
| 4. Standards | 4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods’ country of origin. Such standards shall be the latest issued by the concerned institution. |
| 5. Use of Contract Documents and Information; Inspection and Audit by Purchaser | <p>5.1 The Supplier shall not, without the Purchaser’s prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Purchaser in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far as may be necessary for purposes of such performance.</p> <p>5.2 The Supplier shall not, without the Purchaser’s prior written consent, make use of any document or information enumerated in GCC Clause 5.1 except for purposes of performing the Contract.</p> <p>5.3 Any document, other than the Contract itself, enumerated in GCC Clause 5.1 shall remain the property of the Purchaser and shall be returned (all copies) to the Purchaser on completion of the Supplier’s performance under the Contract if so required by the Purchaser.</p> <p>5.4 The Supplier shall permit the Purchaser to inspect the Supplier’s accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the Purchaser, if so required by the Purchaser.</p> |

- 6. Patent Rights** 6.1 The Supplier shall indemnify the Purchaser 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 Purchaser's country.
- 7. Performance Security** 7.1 Within Seven (07) days from the issuance of acceptance letter from the Purchaser, the successful Bidder shall furnish the performance security in shape of CDR at the discretion of the Purchaser in the amount **specified in SCC**. In case the amount of bid security is equal or greater than the value of the goods to be supplied then the bidder shall not require furnishing the performance security separately, it will be retained or deducted from the bidder's claim on bidder's choice.
- 7.2 The proceeds of the performance security shall be payable to the Purchaser as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.
- 7.3 The performance security shall be denominated in the currency of the Contract, or in a freely convertible currency acceptable to the Purchaser and shall be in one of the following forms:
- (a) CDR issued by a reputable bank located in the Purchaser's country or abroad, acceptable to the Purchaser, in the form provided in the bidding documents or another form acceptable to the Purchaser.
- 7.4 The performance security will be discharged by the Purchaser 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 otherwise **specified in SCC**.
- 8. Inspections and Tests** 8.1 The Purchaser or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Purchaser. **SCC** and the Technical Specifications shall specify what inspections and tests the Purchaser requires and where they are to be conducted. The Purchaser shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.
- 8.2 The inspections and tests may be conducted on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no

charge to the Purchaser.

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

9. Packing

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

10. Delivery and Documents

- 10.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.
- 10.2 For purposes of the Contract, "CFR," "CPT", the terms used to describe the obligations of the parties shall have the meanings assigned to them by the current edition of *Incoterms* published by the International Chamber of Commerce, Paris.
- 10.3 Documents to be submitted by the Supplier are **specified in SCC**.

11. Insurance

- 11.1 The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage, and delivery in the manner **specified in the SCC**.
- 11.2 Where delivery of the Goods is required by the Purchaser on a CFR or CPT basis, the Purchaser shall arrange and pay for cargo insurance, naming the supplier as beneficiary.

12. Transportation

- 12.1 Where the Supplier is required under Contract to deliver the Goods FOB, transport of the Goods, up to and including the point of putting the Goods on board the vessel at the specified port of loading, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price. Where the Supplier is required under the Contract to deliver the Goods FCA, transport of the Goods and delivery into the custody of the carrier at the place named by the Purchaser or other agreed point shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 12.2 Where the Supplier is required under Contract to deliver the Goods CFR or CPT, transport of the Goods to the port of destination or such other named place of destination in the Purchaser's country, as shall be specified in the Contract, shall be arranged and paid for by the Supplier, and the cost thereof shall be included in the Contract Price.
- 12.3 Where the Supplier is required under the Contract to transport the Goods to a specified place of destination within the Purchaser's country, defined as the Project Site, transport to such place of destination in the Purchaser's country, including insurance and storage, as shall be specified in the Contract, shall be arranged by the Supplier, and related costs shall be included in the Contract Price.
- 12.4 Where the Supplier is required under Contract to deliver the Goods CFR or CPT, no restriction shall be placed on the choice of carrier. Where the Supplier is required under Contract (a) to deliver the Goods FOB or FCA, and (b) to arrange on behalf and at the expense of the Purchaser for international transportation on specified carriers or on national flag carriers of the Purchaser's country, the Supplier may arrange for such transportation on alternative carriers if the specified or national flag carriers are not available to transport the Goods within the period(s) specified in the Contract.

13. Incidental Services

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

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

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

14. Spare Parts

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

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

15. Warranty

15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in

design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Purchaser's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

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

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

15.4 Upon receipt of such notice, the Supplier shall, within the period specified in notice or in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Purchaser.

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

16. Payment

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

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

16.3 Payments shall be made promptly by the Purchaser, **but in no case later than thirty (30) days** after submission of an invoice or claim by the Supplier.

16.4 The currency or currencies in which payment is made to the Supplier under this Contract shall be **specified in SCC** subject to the following general principle: payment will be made in the currency or currencies in which the payment has been requested in the Supplier's bid.

16.5 All payments shall be made in the currency or currencies

specified in the SCC pursuant to GCC 16.4.

- 17. Prices** 17.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments **authorized in SCC** or in the Purchaser's request for bid validity extension, as the case may be.
- 18. Change Orders** 18.1 The Purchaser may at any time, by a written order given to the Supplier pursuant to GCC Clause 32, make changes within the general scope of the Contract in any one or more of the following:
- (a) drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Purchaser;
 - (b) the method of shipment or packing;
 - (c) the place of delivery; and/or
 - (d) the Services to be provided by the Supplier.
- 18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Purchaser's change order.
- 19. Contract Amendments** 19.1 Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.
- 20. Assignment** 20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Purchaser's prior written consent.
- 21. Subcontracts** 21.1 The Supplier shall notify the Purchaser in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.
- 21.2 Subcontracts must comply with the provisions of GCC Clause 3.

22. Delays in the Supplier's Performance

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

23. Liquidated Damages

- 23.1 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 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 may consider termination of the Contract pursuant to GCC Clause 24.

24. Termination for Default

- 24.1 The Purchaser, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:
- (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Purchaser pursuant to GCC Clause 22; or
 - (b) if the Supplier fails to perform any other obligation(s) under the Contract.
 - (c) if the Supplier, in the judgment of the Purchaser, has engaged in corrupt or fraudulent practices in competing for or in executing the Contract.

For the purpose of this clause:

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

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

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

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

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

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

26. Termination for Insolvency 26.1 The Purchaser may at any time terminate the Contract by giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of

action or remedy which has accrued or will accrue thereafter to the Purchaser.

**27. Termination
for
Convenience**

27.1 The Purchaser, 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 convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

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

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

**28. Settlement of
Disputes**

28.1 If any dispute or difference of any kind whatsoever shall arise between the Purchaser and the Supplier in connection with or arising out of the Contract, the parties shall make every effort to resolve amicably such dispute or difference by mutual consultation.

28.2 If the parties have failed to resolve their dispute or difference by such mutual consultation, then either the Purchaser or the Supplier may give notice to the other party of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given.

28.2.1 Any dispute or difference in respect of which a notice of intention to commence arbitration has been given in accordance with this Clause shall be finally settled by arbitration. Arbitration may be commenced prior to or after delivery of the Goods under the Contract.

28.2.2 Arbitration proceedings shall be conducted in accordance with the rules of procedure **specified in the SCC.**

28.3 Notwithstanding any reference to arbitration herein,

- (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise

agree; and

- (b) the Purchaser shall pay the Supplier any monies due the Supplier.

29. Limitation of Liability

29.1 Except in cases of criminal negligence or willful misconduct, and in the case of infringement pursuant to Clause 6,

- (a) the Supplier shall not be liable to the Purchaser, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Purchaser and
- (b) the aggregate liability of the Supplier to the Purchaser, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment.

30. Governing Language

30.1 The Contract shall be written in the language **specified in SCC**. Subject to GCC Clause 31, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

31. Applicable Law

31.1 The Contract shall be interpreted in accordance with the laws of the Purchaser's country, unless otherwise **specified in SCC**.

32. Notices

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

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

33. Taxes and Duties

33.1 A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's country and purchaser's country as **specified in SCC**.

33.2 A local Supplier shall be entirely responsible for all taxes, duties, license fees, etc., incurred until delivery of the contracted Goods to the Purchaser.

Section V.

Special Conditions of Contract

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SPECIAL CONDITIONS OF CONTRACT

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

1. **Performance Security (GCC Clause 7)**

GCC 7.1—

A. For goods offered from within Pakistan and abroad by the local agent by Pakistan:

the successful Bidder shall furnish the performance security @ 10% for the warranty period of one year of the value of Supply Order or Contract in shape of CDR or any bank instrument except bank guarantee in favour of Director (DPIC), UAF within Seven (07) days from the issuance of acceptance and 10% performance security letters from the Purchaser for permanent equipment. In case the amount of bid security is equal or greater than the value of the performance security, then the bidder shall not require to furnish the performance security separately.

B. 2% CDR or any bank instrument except bank guarantee in favour of Director (DPIC) already received in lieu of earnest money in case of general type/consumable good(s) will be retained by the office for 3 month from the day of supply of the respective good(s) or fully consumed whichever is earlier.

2. **Inspection and Tests (GCC Clause 8)**

GCC 8.1- By the incumbent mentioned sr. # 1 to 4 in committee notification No.Acs. Dev./4150736304/463-71 dated 04.08.2021 in accordance with the specifications or samples or both as required.

3. The representative of the firm(s) shall present the Authority Letter from the respective firm in the tender opening meetings with them, failing which he will not allowed to sit in the said meeting

4. **Warranty (GCC Clause 15)**

GCC15.2&15.4: One year free of cost labour and material etc. at site from the date of commissioning of goods.

5. **Bid Prices (11.2 ITB)**

a). **for goods offered from within Pakistan;**

the price shall be quoted on FOR UAF basis. (FOR means the price of goods quoted by the bidder shall be inclusive of all costs, expenses, charges, duties and taxes etc. whatsoever incidental to their delivery, installation and commissioning as the case may be at UAF site).

b) **If the firm quoted the rates on CFR/CPT basis, the firm is bound to quote the FOR prices also**

c) **for goods offered from abroad by the LOCAL AGENT:**

the price shall be quoted Cost and Freight (CFR), Carriage Paid to (Duty Paid) (CPT) Karachi seaport or Lahore/Faisalabad airport Pakistan, as the case may be. The bidder shall also add all cost expenses, charges, duties and taxes etc. whatsoever expect customs, incidental to delivery installation/commissioning of goods from the port of destination to UAF site. The bidder, in quoting the price, shall be free to use transportation in abroad except transit and means of transport through/of Israel. The LC at sight, as on Usance basis and Advance Payment will be governed as per following: -

i. LC AT SIGHT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to initiate the LC at sight.

ii. LC ON USANCE BASIS

In case the bidder, is unable to provide CDR in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported, may chose this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note **within fortnight** to initiate the LC on usance basis (minimum usance period 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading).

iii. ADVANCE PAYMENT

The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order along with Insurance / Cover Note and CDR **within fortnight** in favor of Director (DPIC) as security equal to 100% amount of the goods to be imported to proceed for advance payment to the exporter. However, this option will be had where the value of the goods to be imported is up to US \$ 10,000 or varied in accordance with the instructions of the State Bank of Pakistan and Pakistan Customs issued from time to time and remittance will also be made accordingly.

iv. OPEN ACCOUNT

In case the bidder has not opted for import through LC (at sight or Usance basis or advance payment) may opt this option and shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. However, remittance will be made maximum up to six months from the date of filing of Goods Declaration (GD) form or otherwise as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

v. CONTRACT / COLLECTION

In case the bidder has not opted the options referred to “i to iv” above and may opt for this option. The bidder shall provide Performa Invoice of principal on CPT/CFR basis as per supply order **within fortnight**. The minimum period for remittance will be 60 days from the date of Airway Bill **OR** 90 days from the date of Bill of Lading. However, remittance will be made as per Foreign Exchange Manual of State Bank of Pakistan and Pakistan Customs or instruction issued in this regard from time to time.

vi. INCIDENTAL CHARGES FOR IMPORT OF GOODS:

All charges (Inside/outside Pakistan) like insurance, LC/bank and clearance of consignment from port/custom authorities will be borne by the bidder.

vii. RELEASE OF CDR

In case of LC at sight and advance payment to exporter, the CDR equal to 100% amount of the shipment as security will be released by Director (DPIC) after receiving of satisfactory inspection/installation/ commissioning report from convener tender committee concerned.

viii. INITIATION OF REMITTANCE TO THE EXPORTER

In case of LC on usance basis, import on Open Account and Contract / Collection basis, the Director (DPIC) will initiate remittance through the concern bank to the exporter after receiving the satisfactory inspection/installation/commissioning report from the purchaser or the convener tender committee as the case may be.

DELIVERY PERIOD

After receiving the transmitted LC (at sight OR Usance Basis) OR swift acknowledgment against advance payment / proof of advance payment OR supply order on “Open Account” or “Contract / Collection” basis, the local supplier is responsible to provide complete set of shipping documents [i.e. Airway Bill/Seaway Bill/Bill of Lading, Commercial Invoice, Packing List, Country of Origin Certificate and any other document(s) related to shipment (if required) along with detail of bidder’s clearing agent for issuance of authority letter for clearance of consignment from port / custom authorities] **within 6 weeks from the date of opening of LC (at sight or**

usage basis), advance payment and date of supply order for import of goods on “Open Account” or “Contract / Collection” basis. Moreover, after clearance of consignment by bidder from port / custom authorities, will deliver the consignment to the purchaser along with complete set of post shipment documents within 05 days from the date of Authority Letter. After expiry of the requisite period, firm will require to apply for extension in delivery period. However, after due scrutiny the Committee may extend the delivery period with liquidated damages as per applicable rate if the delay is on part of the bidder or without liquidated damages if the delay is on the part of the procuring agency or due to “force majeure”.

NOTE:
In case of late submission of Proforma Invoice, shipping documents and delivery of goods, difference of exchange rate on higher side as well as liquidated damages shall be recovered out of belongings of the bidders @ 0.67% of the value of the goods up to maximum 10% of the value of goods.

6. **Payment (GCC Clause 16)**
7. **Prices (GCC Clause 17)**
GCC17.1: The successful bidder(s) shall provide the price reasonability certificate to the effect that the rates quoted are reasonable in accordance with the market. If it is found at any stage, the quoted rates are higher than the market ones or the item(s) have been provided to any other Institute/Department etc at less rates than the quoted ones. The firm undertakes to refund the difference amount to the purchaser on demand.
8. **Change Orders (GCC Clause 18)**
Not applicable
9. **Liquidated Damages (GCC Clause 23)**

GCC 23.1—Applicable rate:
The liquidated damages, if imposed, will be recovered at the rate of upto0.67% of the value of goods supplied/installed/commission late per day or a part of a period exceeding the original delivery period, subject to the provision that the total liquidated damages thus imposed will not exceed 10% of the total value of the goods delivered/installed/commission late.

10. **Settlement of Disputes (GCC Clause 28)**
The settlement of dispute will be settled in accordance with mechanism for redresal of grievances and settlement of dispute as specified below:-

Complaints of bidder/contractor shall be disposed/settled by a committee and arbitration prior to the entry into force and after into force of procurement contract respectively. Accordingly, grievances committee with powers and terms of reference and method of arbitration are as under:-

- A. **Grievances Committee:**
The committee comprises the following to address the complaints of the bidders prior to entry into force of the procurement contract:-
- i. The Treasurer

(Convener)
- ii. Dr. Abdul Ghafoor,

P.I./Project Coordinator,

Department of Farm Machinery

(Member)

(Member)
- iii. The Director (DPIC)

(Secretary)

Any bidder feeling aggrieved by any act of the procuring agency after the submission of his bid may lodge a written complaint concerning his grievances not later than 10 days after the announcement of the bid evaluation report under rule 37 of the UAF Procurement Rules 2014.

The committee shall address the complaints of bidders that may occur prior to the entry into force of the procurement contract. The committee shall investigate and decide upon the complaint within fifteen days of the receipt of the complaint. Mere fact of lodging of a complaint shall not warrant suspension of the procurement process.

Any bidder not satisfied with the decision of the committee may lodge an appeal in the relevant court of jurisdiction.

B. Arbitration:

After coming into force of the procurement contract, all matters of dispute or difference except regarding rejection of goods by the Inspector under GCC clause 8 (Standard Bidding Document) or cancellation of the contract by the Purchaser, under GCC Clause 24 and 27 (Standard Bidding Document) arising out of the agreement between the parties thereto, the settlement of which is not otherwise specially provided for in contract agreement, shall be referred to arbitration as under:-

(a) Foreign Currency Contracts (CFR/CPT, etc.) made directly with Foreign Principal / Manufacturer

- i. The dispute shall be referred for adjudication to two arbitrators one to be nominated by each party, who before entering upon the reference shall appoint an umpire by mutual agreement, and if they do not agree, a judge of the Superior Court will be requested to appoint the umpire. The arbitration proceedings shall be held in Pakistan and under Pakistan Law.
- ii. The venue of arbitration shall be the place from which the contract is issued or such other places as the Purchaser at his discretion may determine.
- iii. Arbitration award so given will be firm and final.

(b) Indigenous (FOR) contracts

The settlement of dispute, if not otherwise especially provided for in the contract shall be referred for the decision of Vice Chancellor, University of Agriculture, Faisalabad. His decision shall be final and binding on both the parties. The work under the contract shall if reasonably possible continue, under the proceedings before the Vice Chancellor and no account of such proceeding unless they are subject of the dispute.

Note:

- The arbitration award shall be recorded in writing.
- CFR/CPT, etc., contracts made through local agents would be dealt under sub para-B (b) above.

(c) Prior Notice for arbitration:

If the supplier intends to go for arbitration, he shall have to give 30 days notice in writing informing the purchaser of his intention to refer to the points of differences or dispute of arbitration. He shall have to define clearly the point of difference and or dispute in his notice.

C. Court Jurisdiction

Only the Courts at Faisalabad shall have exclusive jurisdiction to adjudicate upon any “lis” brought by either of the parties in relation to the contract.’

11. Applicable Law (GCC Clause 31)

GCC 31.1—UAF Procurement Rules 2014 and Laws governing in Pakistan

12. Notices (GCC Clause 32)

GCC 32.1: The Supplier shall provide address for notice purposes:

13. Taxes and Duties (GCC Clause 33)

14. Stamp Act

In accordance with the Stamp Act 1899 amended from time to time, the contractor shall require to affix stamp duty @ 25 paisa per hundred rupees on the value of the contract.

Section VI.

Schedule of Requirements

Schedule of Requirements

Number Description Quantity Delivery schedule:
Supply within 60 days

Sr. No.	Name of Equipment	QTY	Estimated Unit Price in PKR	Estimated Total Amount in Million PKR
1	3D Printer	1	5200000	5.200
2	Clamp Meter	3	16000	0.048
3	DC Power Supply	4	80000	0.320
4	DEF Refractometer	1	33600	0.034
5	Desktop Computer	10	266000	2.660
6	Hardness Tester	1	600000	0.600
7	Laptop (Workstation)	4	420000	1.680
8	Laser Distance Meter	1	160000	0.160
9	Monitor	4	98000	0.392
10	Notebook Computer	2	110000	0.220
11	Scanner	2	90000	0.180
12	Photocopier	1	1200000	1.200
13	LED 55-inch with allied accessories	1	250000	0.250
14	Ultrasonic Thickness Gauge	2	80000	0.160
15	UPS	2	700000	1.400
16	Weighing Instruments	3	16000	0.048
17	Oxygen and LPG Cylinder	2	80000	0.160
18	Hose, Welding and cutting Torch and regulators	2	96000	0.192
19	Tools and accessories	4	20000	0.080
20	Filler metals	1	408000	0.408
21	Welding machine	2	150000	0.300
22	Cables and Electrodes wires	2	99000	0.198
23	Cleaning Instruments and working tables	4	2000	0.008
		4	4000	0.016
		4	30000	0.120
24	Electrodes	50	2000	0.100
		50	4000	0.200
		20	2000	0.040
		1000	500	0.500
25	Spot welding plant	2	350000	0.700
26	Safety Equipment	20	4000	0.080
		20	2000	0.040
		20	4000	0.080
		10	10000	0.100
		10	7000	0.070
		10	15000	0.150
27	Seam welding plant	1	800000	0.800
28	Work bench / workstation	6	30000	0.180
29	Hydraulic jack	2	35000	0.070
30	Chain block	2	50000	0.100
31	3 Ton Hydraulic Trolley	1	300000	0.300
32	CNC Plasma Cutting Machine with all accessories	1	2000000	2.000
33	CNC Lathe Machine with all accessories	1	4500000	4.500
34	CNC Milling Machine with all accessories	1	3000000	3.000
35	Drilling Machine with all	3	250000	0.750

	accessories			
36	Sawing Machine with all accessories	1	800000	0.800
37	Planning/Shaping machine with all accessories	1	1500000	1.500
38	Lathe Machine with all accessories	1	4500000	4.500
39	Grinding Machine with all accessories	1	2500000	2.500
40	Sheet Bending/Rolling Machine with all accessories	1	400000	0.400
41	Sheet Shearing Machine with all accessories	1	600000	0.600
42	Modular UPS	3	1500000	4.500
43	Metal grinding and polishing machine	1	100000	0.100
44	Hand-held Grinder with tools	3	6000	0.018
45	Allen keys	3	2000	0.006
46	Socket key	3	5000	0.015
47	Hexa blades	12	1000	0.012
48	Workshop tool kit set	2	90000	0.180
49	Heat gun	2	60000	0.120
50	Electric silicone gun	4	6000	0.024
51	Draft dynamometer	2	50000	0.100
52	Wire stripper	2	5000	0.010
53	PCB drill kit	3	6000	0.018
54	Screw driver set	3	4000	0.012
55	Fuel gas analyzer	1	500000	0.500
56	Pipe bending machine	1	450000	0.450
57	Tool Kit and torque wrenches with tools	2	30000	0.060
58	Tachometer	2	14000	0.028
59	Torque meter	2	100000	0.200
60	Digital angle meter	2	20000	0.040
61	Spring manufacturing machine	1	3000000	3.000
62	Measuring tape and Graduated cylinder	5	1000	0.005
63	File set	2	4000	0.008
64	Riveter Gun with nozzles	1	10000	0.010
65	Heavy duty extension cord/lead (Cable Reel)	3	5000	0.015
66	Heavy duty extension cord/lead	3	2000	0.006
67	Forging Machine	1	800000	0.800
68	Electric paint spray gun	2	20000	0.040
69	Paint coating gauge (Paint meter)	1	50000	0.050
70	Adjustable wrench set	2	5000	0.010
71	Pipe wrench set	1	5000	0.005
72	C-clamp set	1	7000	0.007
73	Spanner set (Ring and open end)	1	4000	0.004
74	Plier set	2	1500	0.003
75	Hammer set	1	6000	0.006
76	Digital Ultrasonic thickness gauge	1	60000	0.060

Section VII.

Technical Specifications

TECHNICAL SPECIFICATIONS

The bidder shall quote the goods along with the serial number mentioned below against each and provide soft copy in MS Word Sheet without price. The quoted goods shall have point to point commentary.

Sr. No.	Name of Equipment	Revised Specification
1	3D Printer	Production Capacity: 400PCS/month, Warranty: 1 Year, Dimension (L*W*H): 191*151*220cm, Voltage: 220-240V, Usage: 3d printer, Number of Nozzles: Double, Nozzle Diameter: 0.1cm (0.04~0.15) cm, Resolution: 0.01cm, Layer Resolution: 0.005cm, Filament Diameter: 0.175cm, Print Technology: Fused Deposition Modeling (FDM), Power: Up to 4000W, Automatic Grade: Automatic, Plate Type: 3d print, Molding Technology: FDM, Build size: up to 1000*1000*1000mm, Core Components: Bearing, Motor, Pump, Gear, PLC, Other, Pressure vessel, Engine, Gearbox, engine, Support material: ABS, PLA, Carbon Fiber, PETG, Nylon, PC, etc., Software Bundle: CreatWare, Simplify 3D, Cura, Slice 3r, etc., Supported File Types: STL, OBJ, AMF, G-Code, Operating Systems: Windows 7/8/10, MacOS, Print size: up to 1000*1000*1000mm, Max. Nozzle Temperature: 420°C, Max. Bed Temperature: 100°C, Print speed: 6-12cm/s, Outage Restored: Save data when power is off, Filament Detection: Pause printing when filament run out, Camera control: Camera remote monitoring and real-time control of the printing
2	Clamp Meter	Multimeter to measure the electrical & electronic parameters, Measures AC/DC current up to 400 A through jaw, Accuracy: 2% ± 5 digits (45 Hz to 65 Hz), 2.5% ± 5 digits (65 Hz to 400 Hz), AC/DC voltage to 600 V using test leads, Accuracy: 1.5% ± 5 digits, Measures frequency from 5 Hz to 500 Hz; resistance to 40 kΩ, Continuity: ≤ 30 Ω, Capacitance: 0 to 100.0 μF / 100μF to 1000 μF, Measures temperature from -10 °C to 400 °C with included K-type thermocouple, AC response True-RMS, Backlight Data hold, Size: 207 x 75 x 34 mm, Max wire diameter 30 mm (600 MCM)
3	DC Power Supply	DC Power Supply (Adjustable): 0-30V & 0-10A, Display Accuracy: 0.1V & 0.01A, Constant Voltage and Current Operation Mode, Intelligent Temperature Control with Built in Thermo-Sensor, Multiple Protections: Limit Current Protection, Thermal Protection, Voltage Overload Protection, Short Circuit Protection
4	DEF Refractometer	Portable, precision, optical instrument used for measuring the Diesel Exhaust Fluid (DEF) concentration, Product Dimensions 12.3 x 5.9 x 2.85 inches, Target DEF percentage: 32.5%, +/-1.5%, Scale: 0.5 percentage, line graduations 32.5 percentage, indicated scale 15-40 percentage, waterline, and 20 degree Celsius, Kit includes Refractometer, dropper, lens wipe cloth, instructions and quick guide, screw driver and case.
5	Desktop Computer	LED Display Resolution (min.): 1920x1080 pixels, LED Display Size: 24 inches, LED Refresh Rate: 144 Hz, Generation: 10th, Processor: Intel Core i9-10900, RAM (min.): 16 GB DDR4 RAM, Graphics Card Memory (min.): 4 GB, SSD (min.): 2TB, Operating System Windows: 10 licensed, 64-bit, Wireless/Wi-Fi, LAN, Bluetooth, Accessories: Mouse, Keyboard, Mouse HDMI Port etc. Power Supply: 650 Watt 80 Warranty: Free 01 year for parts and service
6	Hardness Tester	Portable Ultrasonic Hardness Tester to test the hardness of materials. Loading Force: 1kgf (10N) 2.2 lbf and/or 5kgf (50N) 11lbf, Measuring Range: HV:230~940; HRC:20~70; HB:90~450, Tensile strength, MPa 370~1740, Indenter: 136°Vickers Diamond Indenter, Measuring Direction: Any direction 360 degree, Data Storage: To save 2000

		measurements and 100-groups of data, Communication: Upload data to a PC and export as a spreadsheet (cable and software included), Materials: Steel pre configured. 20 Calibration Scales of Hardness. Divided into 4 Scales and 5 materials for each, Hardness indication: Backlit LCD display, Instrument Dimensions: 122x65x23mm, Power: 2 AA rechargeable batteries, Battery life: Approx. 20 hours. Auto Power off, D type Probe, Set of 3 NIST traceable test blocks with range 25, 35, 63, 10N, 50N and 98N UCI probes
7	Laptop (Workstation)	Windows 10, 15.6" Display, Max Screen Resolution 1920 x 1080 Pixels, Intel Core i9 Processor, 4 GB Graphics card, RAM 16 GB DDR4, Memory Speed 2.1, 1 TB SSD, WIFI, Computer Memory Type DDR4, SD RAM, Power Source Battery Powered, Avg. battery life upto 6 hours, Batteries 1 Lithium Polymer batteries required. (included), Wireless/Wi-Fi, LAN, Bluetooth, HDMI Port, Web camera, Operating System Windows: 10 licensed, 64-bit, Accessories: Mouse, Keyboard, Mouse, Bag, Adapter, Warranty: Free: 01 year for parts and service
8	Laser Distance Meter	To measure the distance in field during machine testing, Measurement range: 0.05 - 250, Additional data Laser diode: 635 nm, < 1 mW, Measurement time, typical: <0.5 Second, Laser class: 2, Measurement accuracy, typical: ± 1.0 mm* (*plus use-dependent deviation), Measurement time, max.: Max. 4 seconds, Power supply: 4 x 1.5 V LR03 (AAA), Automatic deactivation: 5 min, Units of measurement: m/cm/mm, Dust and splash protection: IP 54, Tripod thread: 1/4 inch, Viewfinder: Integrated, Laser color: Red
9	Monitor	LED ≥ 32 ", Smart Full HD, ≥ 2 HDMI ports, ≥ 2 USB port, VGA port, Dimensions (W x H x D): TV without stand: 28.9" x 17.3" x 3", TV with stand: 28.9" x 19" x 8.2"
10	Notebook Computer	Operating System: Windows 10 Professional 64 bit, Processor: Intel Quad Core i5-10210U (1.6GHz - 4.2GHz, 6MB Cache), RAM: 16GB DDR4-2666MHz, Display: 14" FHD Anti-glare (1920x1080) IPS, Graphics: Intel UHD Graphics, Storage: 500GB Solid State Drive, DVD±RW, Wireless: Realtek RTL8822CE, Wi-Fi 2x2 802.11ac + Bluetooth 5.0, M2 card, Keyboard: 6-row, spill-resistant, multimedia Fn keys, numeric keypad, Mouse: Touch Pad and Track Point, Webcam: 720p HD webcam with Think Shutter and microphone, Ports: One USB 2.0, two USB 3.1 Gen 1 (one Always On), one USB 3.1 Type-C Gen 1 (with the function of Power Delivery and Display Port), HDMI 1.4b, Ethernet (RJ-45), headphone / microphone combo jack, security keyhole, Audio: HD Audio, Synaptic CX11880 codec / stereo speakers, 2W x 2, Dolby Advanced Audio / dual array microphone, headphone / microphone combo jack, Battery: Integrated Li-ion 45Wh Power Supply: 65 Watt AC adapter
11	Scanner	Capacity: 80 Sheets, Speed: Up to 50 ppm, USB port, Color depth: 24-bits external 48-bits internal, Document feeder, Capacity: 80 Sheets, Speed: Up to 50 ppm, Maximum Resolution 600 dpi (Optical), optical min. 2400 dpi 500 pages, Color Depth 48-Bit (Internal), Image Sensor 1 x Contact Image Sensor (CIS), Scan Speed Simplex Speed: 50 ppm in Color Duplex Speed: 100 ipm in Color, Duplex Scanning, Single Pass Duplex, Maximum document size: 22x310cm, Automatic Image Corrections, Multi-Feed Detection, Supported media types, Cut Sheet Paper, Printed Paper (Laser and ink), Pre-Punched Paper, Previously stapled media with staple removed, Platform: OS X El Capitan 10.11, Microsoft, Warranty: 1 Year, Scanner Drivers TWAIN v2.1, WIA, ISIS Operating System Support Windows, Operating Temperature 50 to 95°F / 10 to 35°C, Operating Humidity 15 to 80%, Storage Temperature -40 to 140°F / -40 to 60°C, Storage Humidity 0 to 90%, AC Input Power 90 to 264 VAC, 50 / 60 Hz.
12	Photocopier	Type: Photocopier cum printer, Functions: Copy, Print, Scan, Fax, Copy Speed: Upto 60cpm, Auto Document Feeder (shuffling), Paper Handling Input (min.): 500 Sheets, Monthly Pages Volume (min.): Up to 150,000 pages, Paper Size (min.): A3, Copy Resolution (min.): Up to 600x600 dpi, Tray: A3, A4 and A5 (3 nos. min.), Print Speed (Mono & Color):

		Up to 60ppm, Duplex Print Option: Automatic, Print Resolution (min.): Up to 1200x1200dpi, Scan Speed (Mono & Color) (min.): Up to 50 ipm, Operating System Compatibility: Windows 7, 8 and 10, Processor Speed (min.): 1.0GHz, RAM (min.): 4GB, Hard Disk (min.): 250GB, LAN, Wi-Fi, Operating Temperature Range: 14 to 30 degree C, Operating Humidity Range: 20 to 80% RH, Warranty: Free: 1 year for parts and service
13	LED 55-inch with allied accessories	Q Display Yes, QLED Product, 3840 x 2160 Resolution, Q Viewing Angle, Peak Illuminator ProPeak Illuminator, QHDR 1500HDR (High Dynamic Range), Screen Size 55", Moth Eye Yes, 10 bit Support, Video, Picture Engine Q Engine, Motion Rate200, PQI (Picture Quality Index) 3100, HDR (High Dynamic Range) QHDR 1500, Q Contrast Dynamic Contrast Ratio Mega Contrast, Micro Dimming Supreme UHD Dimming, Precision Black (Local Dimming) Precision Black Pro, Q Color, Contrast Enhancer, Auto Motion Plus, Film Mode, Audio: Dolby Digital Plus, DTS Codec, Sound Output (RMS) 40W, Speaker Type 4.2 Ch, Woofer, Multiroom Link, Bluetooth Audio, Smart View, Convergence, TV to Mobile – Mirroring, Mobile to TV - Mirroring, DLNA, 360 Video Player, Bluetooth Low Energy, Sound Mirroring, Analog Clean View, Connectivity, HDMI4, USB3, Component In (Y/Pb/Pr) 1, Composite In (AV)1 (Common Use for Component Y), Ethernet (LAN), Design ZERO (Simple Edge), Bezel Type 4 Bezel-less, Slim Type: Slim, Front Color Sterling Silver, Digital Clean View, Auto Channel Search, Auto Power Off, Caption (Subtitle), Connect Share™ (HDD), Connect Share™ (USB 2.0), Embedded POP, Eco Sensor, Energy Efficiency Class 3, Power Supply AC100-240V, 50/60Hz, Power Consumption (Max) 185 W
14	Ultrasonic Thickness Gauge	Display:128*64 LCD with LED backlight; Measuring Range: (0.28~600) mm (Steel) / (0.011inch-23.6inch), Velocity Range: (1000~9999) m/s; Resolution: 0.01mm, Measuring accuracy: ±(0.5%H+0.04mm); H is thickness value; Measurement cycle: Single point measurement 6 times/per; Storage: 40 values of saved data, Power Source: 2pcs 1.5V AA size, Working Time: more than 50 hours (LED backlight off), Outline Dimensions:145mm*74mm*32 mm
15	UPS	Rated Power Capacity: > 2 kVA, Voltage/ Frequency range: 208 Vac and 400 Vac models 50 or 60 Hz ±5 Hz, Product Warranty: 18 months after shipment, Efficiency: Up to 98%, Max charging (adjustable): ABM three-stage charging technology, Battery Module: VRLA – AGM, Acoustic Noise: < 60 dBA at 1 meter, Connection: Additional ratings: EN 61000-3-2, EN 61000-3-3, EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EMI/EMC: 208V model: FCC Part 15 Class A EN 62040-2: 2006, Hazardous materials: (RoHS) EU Directive 2002/95/EC, Safety: 208V model: UL1778, cUL 400V model: CE,EN 62040-1, EN 60950-1: 2006, cULus, Surge protection: 208V ANSI C62.41, Cat B-3 EN 62000-4-5, Optimal battery performance: 5°C to 25°C (41°F to 77°F), Operating Humidity: 20 to 90%, Operating Elevation: 1000 meters (3300 ft ASL), Unit Size (H x W x D): 175x565x504 mm
16	Weighing Instruments	Electric Balance- 2 No. (≥ 30 kg), Power Supply: AC 100~240V, 50/60Hz, Printing Speed: 90 mm/s, Dimension: 437mm * 372mm * 523mm, Display Type: Two Line LCD 256*32 dot matrix display, Rated Load: 6/15kg, 15kg, 15/30kg, 30kg, Data Storage: Store 10000PLU, can set at most 112*2 hotkeys. Mini Electric Balance 2 No., Capacity ≥ 300 g, readability 0.001 g), Work Temp 12°C - 28°C, 80% RH, Pan Size Ø80 mm, Housing (L×W×H) 295×208×290 mm, LED Display, Power AC adaptor
17	Oxygen and LPG Cylinder	Oxygen Cylinder: Oxygen Capacity: 47L Water Capacity, Gas Capacity: 6.796 m ³ ,

		Pressure: upto 137 bars, Valve Operation: Side and Top Outlet LPG Cylinder Nominal Volume: 35.5L, Nominal Working Pressure: 21bar, Maximum Filling Capacity: 14.5kg, Wall Thickness: upto 3mm, Nominal Diameter: upto 32cm, Cylinder Height: 68cm
18	Hose, Welding and cutting Torch and regulators	Welding Torch Brass Material American Type Light Duty Gas Welding Torch, Maximum Welding Thickness: >15mm Combustible Gas: Acetylene Flame Number: Single Flame Cutting Torch America Type Cutting Torch Cutting mode: flame Torch Type: Fire suction Cutting nozzle shape: Quincuncial Cutting width: < 2500 Rubber Hose for Welding Temperature Classification: Room Temperature Piping Material: PVC Inner Diameter: 8mm/6mm American Type Light Acetylene/ oxygen Regulator Mechanical gas meter Diameter: 25-50 mm Material: Brass For oxygen application: Max inlet pressure 280 bar while outlet pressure 10 bar For Acetylene application: Max inlet pressure 28 bar while outlet pressure 2 bar
19	Tools and accessories	Cylinder 3-in-1 Spanner, Sliding Double Ended Wench Spanner, L-Type Wrench Spanner, Cylinder Key, Branch-line back pressure valve etc. These tools will be used to open and close the gas cylinders.
20	Filler metals	Borax white Powder (40 kg) Aluminum bars (100 kg) hot rolled alloy round steel bar Length: 1-3 feet Diameter: 2-3-4 mm Technique: Cold drawn Non alloy Steel Bars (200 kg) Length: 1-3 feet Diameter: 2-3-4 mm Bras Bars (10 kg) Length: 1-3 feet Diameter: 2-3-4 mm
21	Welding machine	Control: Semi-Automatic Cooling way: Water cooling Style: Portable Electric Current: Capacitor Energy Storage Transmission: Pneumatic Input Voltage: 380 V Frequency: 50 HZ Power: 3.6 kVA Suitable for welding stud diameter(mm): 5-10 mm Dimension: 500 x 360 x 600 mm
22	Cables and Electrodes wires	Welding Accessories for Welding Electrode (Quantity 2) 5M Welding Accessories for Welding Electrode Holder 200Amp Manual MMA Arc Welding 10-25mm Connector and Lead Cable, Earthing cables with clips (Quantity 4), Professional 200A Groud Welding Earth

		Clamp Clip Set for Mig Tig ARC Welding Machine 1.5M Cable 10-25 Plug, Switches (Quantity 4), Board with multi switches to provide the electricity to welding machine, Multimeters (Quantity 4), Digital Clamp Multimeter Ampere meter Electrical Clamp Meter AC / DC Voltage Resistor Tester with Buzzer, DC voltage: 600V $\pm 1.0\%$, AC voltage: 600V $\pm 1.2\%$, AC current: 20-200-600A $\pm 2.5\%$, Resistance: 200k-2M Ω $\pm 1.0\%$, Product General Features:, LCD display size: 36x19mm
23	Cleaning Instruments and working tables	Brush Length: upto 13 cm, Trim Length: 2.5cm, Wire Diameter: 0.03 cm, Rows: 6*15, Block Size: 30*4 cm
		Welders Chipping Hammer 300g, Dropped-forged Carbon Steel, Spring Handle
		Stainless Steel, Thickness upto 1.5cm, Dimension (L*W*H): 210*75*80cm
24	Electrodes	Mild Steel, Diameter: 0.2 to 0.5 cm, Length: 30-50 cm, Welding Current: 90-250 A, Operating Temperature: 10-50 °C
		Stainless steel, Diameter: 0.315, 0.35 and 0.4 cm, Length: 35cm
		Aluminum, Diameter: 0,16, 0.24 and 0.32, Length: 35 and 45cm
		Cast iron, Diameter: 0.32, Length: 35 and 45cm
25	Spot welding plant	Control: Semi-Automatic Cooling way: Water cooling Electrode Stroke: Vertical Transmission: Pneumatic Conductive Way : Both-Sided Welding Spot Number: Single Rated Power : 50 kVA Primary voltage: 380 A Distance between arms: 220 mm Stroke of top electrode: 25-50 mm Maximum electrode force: 5000 N Cooling water flow: 6 liter/minute Maximum welding thickness: 3+3 mm Dimensions (L X W X H): 760 x 700 x 1290 mm
26	Safety Equipment	Leather hand gloves (Heat resistance, Cut Resistant), Wear Type: Full Fingered, Color: Preferably Blue or Black, Cuff Length upto ≥ 5 Inches, Pattern: Plain
		Black frame, with transparent shock resistant, scratch resistant, side winder, UV protective glass
		Leather Workshop apron, Length: about 100 cm and Wide: 61 cm with 6 tool pockets, heat and flame resistant
		Industrial Ear Plugs (pack of 500), reusable non toxic silicone material NRR 32 DB
		Transparent screen size 37.5*19.5 cm, thickness 1 mm, with ratchet adjustment head size
		High ankle, Steel Toe, Slip-Resistant, Puncture-Resistant, Waterproof, Anti-Static, Insulative, black color size 43, 44, 45
27	Seam welding plant	Control: Semi-Automatic Cooling way: Water cooling Style: Vertical Electric Current: AC Rated power: 35-200 kVA Input Voltage: 380 V Primary current: 400 A Max. welding thickness: 1.5 mm Max. electrode pressure: 3000-10000 N
28	Work bench / workstation	Dimensions: 10 feet x 5 feet x 3.5-4 ft, legs dimensions 4 x 4 inch, thickness of Sheesham wooden table top 2 inch with steel top sheet of 3-4 mm, two draws of 2 ft x 2 ft x 2 ft on both corners
29	Hydraulic jack	TROLLEY JACK 15 TON, Min. height: ≥ 181 mm, Max. height ≥ 345 mm, Rated Power: 300W, Operation Voltage: DC12V/24V, Max. Current: 30A / 15A, Maximum Loading Car weight: 5 Ton, Lifting range : 200-520 mm, Power Cable: 5.4 m, Jack Size: 40.5*12.5*21 mm

30	Chain block	Power Source: Electric 3-Phase 380V, Lifting Speed upto 2.8/0.9m/min, Lift Height upto 3-30m, Capacity upto 5 ton, Travelling Speed 11 to 21m/min, Electric Trolley type, Push button, Remote control
31	3 Ton Hydraulic Trolley	Manual Pallet Truck, Load capacity: 5000kg, Fork width: 685mm, Max. Lifting Height: 115mm, Fork Length: 1200mm, Material: Steel with painting, Load Roller: 85*66mm, Steering wheel: 180*52mm, Power Source: AC Motor
32	CNC Plasma Cutting Machine with all accessories	X,Y Working area 150*300 cm, Z working area 15 cm, Lathe bed stell structure, Machine power 8.5kW, Working voltage 220V Single phase (customizable), Reposition precision 0.002 cm, Processing precision 0.01 cm, Maximum cutting speed 1200 cm/min, Automatic Torch Height control mode, Cutting thickness upto 4cm, Plasma air pressure upto 0.8MPa, LCD Display
33	CNC Lathe Machine with all accessories	Max. Swing Over Bed ≥ 702 mm, Max. Swing Dia. Over Slide ≥ 327 mm, Chuck Size 10"-13", X/Z Axes Travel 520/580mm, Spindle Speed 20-2000rpm, Max. Machining Length, 450mm, 4 station electric tool post, Tool shank size 32×32 mm, Spindle Bore 86 mm, Spindle Speed 20-2000rpm, Spindle Motor Power 7.5-11-15kw, X/Z Axes Motor Power 7.5/7.5 n.M, Movement Method: Point to Point Control, Control Method: Closed-Loop Control, Specification 702*450mm (approx.), Center distance 3000, Max. loading capacity 4 ton, Spindle bore taper Metric $\Phi 120$ MT5#, Spindle speed 10~1000 (manual 3 class gears, step less in every class); 17~1000 (hydraulic 4 class, step less in every class), Spindle nose type C11, Chuck size Manual 3-jaw $\Phi 315$ mm, Spindle motor 15 kW, X/Z axes rapid rate 4/6 m/min, Tool post type 4 station electric tool post, Tool shank size 32×32 mm, Tailstock quill travel 250 mm, Tailstock quill dia. $\Phi 120$, Tailstock quill taper MT6#
34	CNC Milling Machine with all accessories	Milling Cutter Type: Vertical Milling Cutter, Table Size 700*260, Spindle Speed 100-6000rpm, X Axes Travel 400 mm, Y Axes Travel 250 mm, Z Axes Travel 280 mm, Distance From Spindle Nose to Work table 510 mm, Spindle type BT40, Milling Cutter Structure: Indexable Type, Controlling Mode: CNC, X/Y/Z Axes Motor 12(Step), 6(Servo) N.M, CNC Controller Siemens Controller/Fanuc Controller, Cutting feeding speed mm/min 60~10000, Rapid moving speed m/min 15, Positioning precision mm ± 0.01 , Repeatable positioning precision mm ± 0.008
35	Drilling Machine with all accessories	Max. Drilling Dia. ≥ 120 mm, Max cutting depth ≥ 100 mm, Layout: Vertical, Controlling Mode: Artificial, Automatic Grade: Manual, Range of Spindle Speed: 80-300 rpm, Drilling Speeds: 80/125/175/300 rpm, Usage: metal drilling, stroke 220mm, Max. diameter of twist drill: 42mm (1-11/16"), Dimension(L*W*H): 522mm*248mm*689mm (approx.), Stroke: 220mm, Load speed: 80 / 125 / 175 / 300rpm, Tool holder: MT4, Magnetic adhesion: 20000N
36	Sawing Machine with all accessories	Metal sawing, Max. cutting capacity for Round ≥ 350 mm and for Square (W x H) $\geq 400 \times 280$ mm, Worktable height ≥ 600 mm, Motor power: Blade (3 kW) and Hydraulic (1.5 kW), Saw blade Speed (m/min) 25 / 32 / 40 / 58 / 70, Saw blade Size (L x W x T) (mm) 3850 x 27 x 0.9, Worktable height 600 mm, Work vice: Hydraulic
37	Planning/Shaping machine with all accessories	Max. Shaping Length ≥ 500 mm, Max. Table horizontal travel ≥ 525 mm, Working Surface Size of the Worktable $\geq 500 \times 360$ mm, Max. Cutting length 500 mm, Max. Table vertical travel 270 mm, Max. Travel of the tool post 120 mm, Distance from the ram bottom to table 370 mm, Number of ram strokes per minute 14-80, Max. Swivel angle of the tool post $\pm 60^\circ$ mm, Max. section of tool (W×T) 30*45 mm, Number of ram strokes per minute 17-100
38	Lathe Machine with all accessories	Type: Horizontal Lathe, Max. Swing Dia. Over Bed ≥ 630 mm, Max. Swing Dia. Over Slide ≥ 350 mm, Bed Width ≥ 550 mm, Max. turning length 1400 mm, Spindle speed range 12.5~1120 rpm (14steps), Dia. of tailstock quill 100 mm, Chuck size 315 mm, Spindle bore dia. 105 mm, Upper tool post travel 200 mm, Lower tool post travel 480 mm, Guide way Width 560 mm, Setting Mode Floor-type, Spindle Motor 11kW,

		Center Distance 3000 mm, Gap effective length 300 mm, Spindle hole taper Metric 1:20, Spindle head type A1-11, Longitudinal feeding range mm/r 0.062~14.0 (64 kinds), Cross feeding range mm/r 0.031~7.0 (64 kinds), Upper tool post travel mm 200, Lower tool post travel mm 480
39	Grinding Machine with all accessories	Table Size $\geq 540 \times 250$ mm, Max Distance From Spindle to Table ≥ 450 mm, Max travel of table (L×W) $\geq 560 \times 260$ mm, Max Distance From Spindle to Table 450 mm, Max Area to Be Ground(L*W) 540*250 mm, Spindle Motor 1.1kW, Wheel Speed (50Hz) 2850rpm, Coolant Motor 40W, Table T Slot (No.*Width) 1*14
40	Sheet Bending/Rolling Machine with all accessories	Type: Electric Rolling Machine, Max. Working Length ≥ 1530 mm, Max. Plate Thickness ≥ 4 mm, No. of Rollers: 3, Motor Power (kW): 3 kW, Material / Metal Processed: Aluminum, Carbon Steel, Brass / Copper, ALLOY, stainless steel
41	Sheet Shearing Machine with all accessories	Type: Electric Shearing Machine, Cutting thickness ≥ 3 mm, Cutting length ≥ 2500 mm, Rated Power: 3kW, Cutting speed: 28times/min, Back gauge range: 350mm
42	Modular UPS	Modular UPS for Servers/Storage: 10 kVA and above with external battery bank, Systems Parameters-Mechanical Size (W×D×H) mm: 700×620×1530, Packing Size (W×D×H) mm: 800×690×1760, Noise (dB): 55~60, Communication Port: RS232, RS485, Dry contact interface, SNMP card for remote control, Work Model: Low Frequency Double Conversion Pure online UPS System, Nominal Voltage: 380 Vac, 400 Vac, 415 Vac or 200 Vac, 208 Vac, 220 Vac, Range: $\pm 25\%$, Frequency: 50Hz $\pm 10\%$ or 60Hz $\pm 10\%$, Output ripple wave: $<2\%$, Soft Start: 0~100% 5 Sec, Charge-Charge Mode: Constant current, then constant voltage, charge with temperature compensation, automatic switch Between Equalized charge and Float charge, programmable timing battery charge-discharge automatic maintenance, Float charging voltage: 432VDC, Equalized charging voltage: 464VDC, Temperature compensation Voltage: -3mV/°C/pcs, Charge Current: 0.1C (Automatic adjust according to battery capacity), 100Ah battery, Optional Lithium battery, Capacity: 7~999AH settable (capacity vary with power), Number: 384VDC(12v 32pcs or 2v 192pcs), Optional 360VDC (12v 30pcs, or 2v 180pcs),Inverter-Phase: Three Phase +N, Rated power: Rated Capacity×0.9, Nominal Voltage: 380 Vac, 400Vac, 415 Vac or 200 Vac, 208 Vac, 220 Vac, Output voltage stability: $\pm 1\%$ (steady load), $\pm 3\%$ (fluctuation of load), Frequency stability: 50Hz,60Hz $\leq \pm 0.5\%$ (asynchronous), Crest Factor: $> 3:1$, Output , Efficiency: 92% (Full Load).
43	Metal grinding and polishing machine	Motor Power: 0.75kW, Power Supply: 220V, Fixed Speed: 3-Level: 300, 500 and 800rpm, Disc Diameter: 20, 23 and 25 cm, With Magnetic work plate, Anti-stick disc, Adhesive sand paper, Adhesive polishing clothe, Diamond suspension grinding slurry, Metallographic polishing lubricant, waterproof ring, Inlet pipe adapter
44	Hand-held Grinder with tools	Rated Input Power: 1200W, Disc Diameter: 15/18cm, Rated voltage: 110/220V, No-load speed: 8000rpm
45	Allen keys	9 Pcs Black Chrome Vanadium Allen Wrench Set, double end, Hex Key Wrench Flat Hexagon 2mm 1.5 0.9 1.27 3 4 5 6 8mm Metric Small Allen Key Set Flat Point End Arm Hex Hexagon Wrench Tool
46	Socket key	40-Piece, Metric Socket Set, 1/4" & 3/8" Drive, Socket Size: 5/32" to 3/4" and 4mm to 17mm, Ratchet, extension bar, 1/4" spinner handle, spark plug socket and adaptor, chrome plated alloy steel
47	Hexa blades	Professional 12×1 inch 0.025 inches thick, Professional grade High Carbon Steel Flexible Hand Hacksaw Blades
48	Workshop tool kit set	≥ 400 Piece Mechanics Tool Set with 3-Drawer/trays tool box, 83 pcs socket set, 16 pc combination wrenches/spanners, 3 pcs combination plier, 5 pcs screw drivers, 6 pcs 23 precision screw drivers, Magnetic Screw driver Handle and Bits 60 pcs, 1 inch bits included for all purpose use, 1 pc sixteen ounce ball-pin hammer, 1 pc 8-inch (200 millimeter)

		adjustable wrench, 23 pcs Allen key set, 1 pc knife with 20 pc blades, 25'/7.5 m measuring steel tape material: Chrome vanadium forged tools with additional cordless combo kit 1/4 inch hex chuck, accepts 1 inch bit tips, 300W battery Lithium ion, 2 speeds (0-450 and 1500 rpm).
49	Heat gun	Dimensions: 48 x 19 x 13cm, Noise: ≤ 67 db, Max power: 1600W, Air volume: 13.8m ³ /h, Voltage: 110V/ 60Hz, Air pressure: 3000pa, Insulating intensity: 3750V, The flow of air: max. 240l/min, Storage case material: ABS, Temperature scope: 40-600°C, Plastic welding gun size: 33.8 x 5.6cm, Storage case, Maximum Power: 1600 watt
50	Electric silicone gun	Apply silicone to bind surfaces for sealing purpose etc., Voltage: 7.4V Li-ion battery, No load speed: 415mm/min, Thrust Ratio: 1:1, Plunger Type: Smooth Rod, Power Source: Electric, Max. expel force: 400kg $\pm$ 20, Maximum current: 15A, Performance: 150 tubes per discharge cycle, Frame Material: Metal
51	Draft dynamometer	Capacity: Up to 5 ton, Minimum Capacity 20kg, Division: ≥ 1 kg, Digital LCD Display, Batteries (AA): 3 No., Waterproof Panel, Tare range: 100% F.S., Safe overload: 120% F.S., Ultimate overload: 400% F.S., Power Supply: AC 220V, Temperature Range: -10 to 40 °C, Accessories: Shackles, Shackle & Hook, Material: Alloy steel
52	Wire stripper	Size: 8", Total length: 220mm, Stripping Range: 1.0~4.0mm ² , Range: 6mm ² , Grade: Industrial, Material: Steel, Handle Material: Soft grip Plastic, Rubber
53	PCB drill kit	Size: 19.5*10*20 cm, Packing: Blow Case + Color Box, Color: Black + orange, Voltage: 16.8V, Grade: DIY, Industrial, Speed Type: Variable Speed
54	Screw driver set	7 PCS precision screw driver set, New design handle, New plastic box, Include: SL 2.0*50, SL 2.5*50, SL 3.0*50, PH00*50, PH0*50, T6*50, T8*50, Material: CR-V, Ergonomic comfort-grip handle, Packed by plastic box
55	Fuel gas analyzer	Measuring range: -20 to +100 °C, Accuracy: ± 1 °C, Resolution: 0.1 °C, Reaction time: < 50 s, Temperature (ambient temperature) - TC Type J (Fe-CuNi), Measuring range: 0 to +400 °C, Accuracy: ± 1 °C (0 to +100 °C) and ± 1.5 % of mv (> 100 °C), Resolution: 0.1 °C, Reaction time: < 50 s, Temperature (flue gas) - O ₂ , Measuring range: 0 to 21 Vol.%, Accuracy: ± 0.2 Vol.%, Resolution: 0.1 Vol. %, Reaction time t ₉₀ : 30s, Flue gas Draught-Measuring range: -20 to +20 hPa, ± 0.03 hPa (-3 to +3 hPa), Accuracy: ± 1.5 % of mv (Remaining Range), Resolution: 0.01 hPa, Flue gas degree of effectivity Eta (calculated) - Measuring range: 0 to 120 %, Resolution: 0.1 %, Flue gas loss (calculated) - Measuring range: 0 to 99.0 %, Resolution: 0.1 %, Flue gas CO ₂ calculation (calculated from O ₂) - Measuring range: 0 to CO ₂ max (Display range), Accuracy: ± 0.2 Vol.%, Resolution: 0.1 Vol.%, Reaction time t ₉₀ : < 40 s, Pressure measurement - Measuring range: -40 to +40 hPa, Accuracy: ± 0.5 hPa, Resolution: 0.1 hPa, Flue gas CO (without H ₂ -compensation) - Measuring range: 0 to 4000 ppm, Accuracy: ± 20 ppm (0 to 400 ppm) / ± 5 % of mv (401 to 2000 ppm) / ± 10 % of mv (2001 to 4000 ppm), Resolution: 1 ppm, Reaction time t ₉₀ : 60 s, Ambient CO Measuring range - 0 to 4000 ppm, Accuracy: ± 20 ppm (0 to 400 ppm) / ± 5 % of mv (401 to 2000 ppm) / ± 10 % of mv (2001 to 4000 ppm), Resolution: 1 ppm, Reaction time: 60 s, Dimensions: 201 x 83 x 44 mm, Operating temperature: -5 to +45 °C, Display type: LCD, Display function: Backlit 2-line display, Power supply: Battery: 1500 mAh, mains unit 5V/1A, Storage temperature: -20 to +50 °C
56	Pipe bending machine	Power Supply: 380V, Angle bending: upto 180 degrees, Bending diameter: upto 7.5cm, Thickness: 0.2-0.45cm, Motor power: 4kW*4, Dimension: 94*75*85cm
57	Tool Kit and torque wrenches with tools	Professional Hardware Tools Hand Tool Sets, CRV Carbon Steel material, No. of Pieces ≥ 100 , including combination spanner set (11 Pieces), Socket and Ratchet set (40 pieces), Ratchet extension set (6 pieces), Screw driver set (12 pcs), Screw driver ratchet set (32 pcs), 1/2 inch Ultra Precision Digital Torque Wrench, 7.4-147.5 ft-lbs Range Accurate to $\pm 1\%$, Set Target Torque, LED and Buzzer, with socket set

		sizes 3/4, 13/16, 11/16 inches
58	Tachometer	Gun type design, Backlight, Max. Min. Avg. display, Data recording, Measurement range ≥ 0 to 99999, Resolution: 0.1RPM at 2.5~999.9RPM, 1 RPM at 1000~99,999 RPM, Accuracy: $\pm 0.02\% + 1$ digital, Measuring distance: 50~500mm, Sampling Time: 0.5s (above 120RPM)
59	Torque meter	Measuring range ≥ 0.5 -5 Nm, Precision: $\pm 1\%$, Load division value: 0.001Nm / 0.01kgf.cm / 0.001 ft.lb / 0.01 in.lb, Continuous using time of battery: About 10 Hours, Mode: Peak mode / Track Mode / Peak Hold, Charger: AC 220V 50Hz
60	Digital angle meter	Digital Protractor Angle Finder Level Inclinator Magnetic V-Groove 0~360 degree with Backlight, Measuring Range: 0-360°, Measuring Range: 4 x 90 degree, Battery operated, LCD display, Resolution: 0.05 degree, Working Temperature: 32 ~ 104 degree F (0 ~ 40 degree C), V-groove base plate with strong built-in magnets, V-groove base plate with strong built-in magnets, Full range 360° measurement allows you to work both horizontal and vertical planes, Dynamic measuring tool: Angle Finder, Protractor and Level, With Beeper / Sound Function that can be set, Converts angles to different units: degrees (°) to mm/m, to percent slope (%), to in/ft, Backlight Functions to be able to use it in the dark place, Display remains upright enabling viewing at all angles Fast and accurate measurement, Factory Calibrated, Compact & portable design, Protection Grade : IP65, Dimensions: approx. 151 x 60 x 32mm, Power Supply : 2 x AAA battery (included on set), Protective Pouch, Powered by 1.5 V or AAA Alkaline battery 2000 hours in continuous use.
61	Spring manufacturing machine	Wire diameter ≥ 1.5 -6mm, Length ≥ 0 -10000m, wire type: round/flat wire, Wire feed speed ≥ 0 -120m/min, Wire type round/flat wire, Max. wire Feed 1000mm, Min. wire Feed 0.01mm, Wire feed speed, 0-120m/min, Wire length unlimited, power 14.8 kW, Program storage, More than 2000, Axis number 12, Air pressure 5-6 kg/cm, Probe 3
62	Measuring tape and Graduated cylinder	Measuring Tape-Type: Double Side Tape, Measure Sizes: 3m*16mm/5m*19mm, Features: Waterproof and Durable, Single Package Size: 13x10x3 cm, Cylinder-Material: High borosilicate 3.3, Base: round stable base, Color: Clear, Feature: Acid and alkali resistance, Specification: 1000ml
63	File set	Handle: Thermoplastic rubber; Size: 200mm; Full set have ≥ 15 file types like flat, half-round, round, triangle, Micro files, etc. Handle: T, Product Dimensions 14.17 x 5.59 x 1.97 inches, Material Heat-Treated
64	Riveter Gun with nozzles	8 inch Hand Riveter Labor-Saving Riveters, Length ≥ 200 mm, Max working stroke: 7mm, Max effective working stroke ≥ 5 -6mm, Largest multiple of arm of force: 27, Item size: 200 * 100 * 30mm, Riveting Capacity : Aluminum Nut M3 M4 M5 M6, Compact size, suitable for narrow space working, comfortable handle design, easy to operate with one hand, Different nozzle fixed on handle for easy replacement, Circular knurled sleeve can adjust the working stroke, without the use of small wrench tools, 2.5mm thickening handle, shockproof design eliminates arm vibration during operation
65	Heavy duty extension cord/lead (Cable Reel)	Cable Length ≥ 20 m, Approx. rated power: Rating ≥ 3250 W, USB ports: 6 with at least 5V and 6A (at least 2.4A each), AC outlet ports: 6 or equivalent
66	Heavy duty extension cord/lead	Cable length ≥ 5 m, Rating ≥ 3250 W, With USB ports, Outlet ≥ 5 and USB ≥ 2 or equivalent
67	Forging Machine	Nominal Capacity: upto 200 ton, Power Requirement: upto 18.5kW, Table Size: 139*84cm, Stroke Length: upto 22cm, Stroke Speed: upto 45 spm, Die Height: upto 45 cm, Throat Depth: upto 43 cm, Distance Between Columns: upto 90 cm, Dimension (L*W*H): 254*187*453cm, Voltage: 380 V, Lubrication: Automatic, Clutch Type: Wet Type, PLC Controlled, Hydraulic Overload Protector.
68	Electric paint spray gun	Electric type, Voltage: 110-230V, Rated Power: 550W, Flow: 500 ml/min, Nozzle size: 1.8 mm, Feed type: Gravity Feed, Spray Distance:

		250 mm
69	Paint coating gauge (Paint meter)	Measuring range: 0-1250 um/0-50 mil (by default), Resolution: 0.1/1, Accuracy: +1-3% or +2.5 um, Min radius work piece: F Convex 1.5 mm/ Concave 25 mm, N: Convex 3mm/ Concave 50mm, Min. measuring area: 6 mm, Min. sample thickness: 0.3 mm, Metric: Convertible, Power supply: 4 x1.5V AAA(UM-4) battery, Dimension: 126 x 65 x 27 mm
70	Adjustable wrench set	Sizes: 8", 10", 12" and 15" (in each set) Jaw opening up to 1.75", Material Alloy Steel
71	Pipe wrench set	Sizes: 10", 12" and 14" Jaw opening up to 2.25", Material: Hardened Steel Jaws, cast iron handle
72	C-clamp set	Sizes: 4", 6", 8", 10" and 12" , Zinc plated acme threaded screw, Ductile iron clamp casting, load limit minimum 400 psi
73	Spanner set (Ring and open end)	Sizes: 6-22 mm (6x7, 8x9, 10x11, 12x13, 14x15, 16x17, 18x19, 20x22 mm) Open End Spanners (bright nickel plated selected tool steel) Metric 6 to 32 mm Ring End Spanner (Double off set type, bright nickel plated selected tool steel) Metric 6 to 32 mm
74	Plier set	Sizes: 8" Combination plier, 6" Long nose plier and 6" Diagonal cutting plier, Max Opening Capacity $\geq 11/64$ inch
75	Hammer set	Punch hammer (Head weight ≥ 3 lb), Sledge Hammer (Head weight ≥ 3 lb), Machinist's Hammer (Head weight ≥ 3 lb), Claw hammer (Head weight ≥ 24 oz/1.5 lb), Octagonal Hammer (Head weight ≥ 3 lb), and Rubber Mallet Hammer (Size ≥ 1.5 lb)
76	Digital Ultrasonic thickness gauge	Measuring Range: 0.75-600 mm Steel, Resolution: 0.001mm, Display: 128*64 LCD with LED backlight, Display Type: LCD, Velocity Range : (1000~9999) m/s, Accuracy: 0.5%H+0.04mm, Communication Port:RS232, Least Count: 0.01mm, Storage: 3000 values of saved data, Power Source: 2pcs 1.5V AA size, Outline Dimensions: 145mm*74mm*32 mm, Lower limit for steel pipes: 5MHz probe: F20mm*3.0mm (F0.8'0.12 inch) 7MHz probe: F15mm*2.0mm (F0.6'0.08 inch), Standard Probe (5MHz, D10mm), Large diameter probe (2.5MHz), High temperature probe (5MHz), Micro-diameter probe (7MHz)

Section VIII.

Sample Forms

Sample Forms

1.	Bid Form and Price Schedules	64,65
2.	Manufacturer’s/Distrbutor's/Dealer's Certificate Form	66

1. Bid Form and Price Schedules

To:

Date: _____

Tender No. _____

Dr. Abdul Ghafoor,
P.I./Project Coordinator,
Department of Farm Machinery & Power,
University of Agriculture,
Faisalabad.

Gentlemen and/or Ladies:

Having examined the bidding documents including Tender No.103/2021, the receipt of which is hereby duly acknowledged, we, the undersigned, offer to supply and deliver *[description of goods and services]*in conformity with the said bidding documents for the sum of *[total bid amount in words and figures]*or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this Bid. We understand that failure to furnish all information required by the bidding documents or to submit a bid not substantially responsive to the bidding documents in every respect will be at our risk and may result in the rejection of its bid.

If our bid is accepted, we undertake to provide a performance security in the form, in the amounts, and within the times specified in the bidding documents and to deliver the goods in accordance with the delivery schedule specified in the Schedule of Requirements. Failure to which, the Purchaser reserve the right to take action as per provisions of the bidding documents.

We agree to abide by this Bid for the Bid Validity Period specified in Clause 16.1 of the Bid Data Sheet and it shall remain binding upon us and may be accepted at any time before the expiration of that period.

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

Name and address of agent	Amount and Currency	Purpose of Commission or gratuity
_____	_____	_____
_____	_____	_____
_____	_____	_____
(if none, state “none”)		

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your notification of award, shall constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any bid you may receive.

We certify/confirm that we comply with all requirements as per ITB Clause 2 of the bidding documents.

Dated this _____ day of _____ 20_____.

[signature]

[in the capacity of]

Duly authorized to sign Bid for and on behalf of _____

Price Schedule for Goods Offered from within the Purchaser's Country

Name of Bidder _____.Tender Number _____.Page _ of ____.

1	2	3	4	5
Item	Description	Country of origin	Quantity	Price including all Taxes

Signature of Bidder _____

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

Manufacturer’s/Distributor’s/Dealer’s Certificate Form

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

To: *[name of the Purchaser]*

WHEREAS *[name of the Manufacturer/Distributor/Dealer]* who are established and reputable Manufacturer/Distributor/Dealer of *[name and/or description of the goods]* having factories/Warehouse/trading house at *[address of factory]*

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

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

[signature for and on behalf of Manufacturer]

Note: This letter of authority should be on the letterhead of the Manufacturer/Distributor/Dealer 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.