

# **Tender Document**

## **Supply of Laboratory Equipments for Quality Management of Food grains to the various districts of HAFED in the State of Haryana**

**(Ambala, Bhiwani, Faridabad, Fatehabad, Gurugram, Hisar, Jind, Kaithal, Karnal, Kurukshetra, Narnaul, Panipat, Rohtak, Rewari, Sirsa, Sonapat & Yamunanagar)**

### **Disclaimer**

The information contained in this Bid document or subsequently provided to Bidder, whether verbally or in documentary or in any other form by or on behalf of the HAFED or any of its employees or advisers, is provided to Bidder on the terms and conditions set out in this Bid document and such other terms and conditions subject to which such information is provided. This information is on a wide range of matters, some of which depends upon interpretation of law. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. The HAFED accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

This Bid document is not an agreement. The purpose of this Bid document is to provide interested parties with information that may be useful to them in the formulation of their Proposals pursuant to this Bid document. This Bid document includes statements, which reflect various assumptions and assessments arrived at by the HAFED in relation to the assignment. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. This Bid document may not be appropriate for all persons, and it is not possible for the HAFED, its employees or advisers to consider the objectives, technical expertise and particular needs of each party who reads or uses this Bid document. The assumptions, assessments, statements and information contained in this Bid document, may not be complete, accurate, adequate or correct. Each Bidder should, therefore, conduct its own investigations, do analysis and should check the accuracy, adequacy, correctness, reliability and completeness of the assumptions, assessments and information contained in this Bid document and obtain independent advice from appropriate sources.

The HAFED, its employees and advisers make no representation or warranty and shall have no liability to any person including any Bidder under any law, statute, rules or regulations or tort, principles of restitution or unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this Bid document or otherwise, including the accuracy, adequacy, correctness, reliability or completeness of the Bid document and any assessment, assumption, statement or information contained therein or deemed to form part of this Bid document or arising in any way in this selection process.

HAFED also accepts no liability of any nature whether resulting from negligence or otherwise however caused arising from reliance of any Bidder upon the statements contained in this Bid document.

HAFED may in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this Bid document.

The issue of this Bid document does not imply that the HAFED is bound to select any Bidder or to appoint the Selected Bidder, as the case may be, for the assignment and the HAFED reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.

The Bidder shall bear all its cost associated with or relating to preparation and submission of its proposal associated with any demonstrations or presentations which may be required by the HAFED, formation of consortium or any other costs incurred in connection with or relating to its Proposal. All such costs and expenses will remain with the Bidder and the HAFED shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by an Bidder in preparation or submission of the Proposal, regardless of the conduct or outcome of the Selection Process.

Sd/-  
Managing Director  
HAFED

**THE HARYANA STATE COOPERATIVE SUPPLY AND MARKETING FEDERATION  
LIMITED, PANCHKULA, HARYANA**

**DETAILED NOTICE INVITING TENDER**

Dear Sir(s),

For and on behalf of the HARYANA STATE COOPERATIVE SUPPLY AND MARKETING FEDERATION LIMITED (HAFED) online bids in the prescribed Bid Document under two bid systems are invited from interested, eligible bidders **“for supply of Laboratory Equipments as per specification mentioned in tender form on turnkey basis at 17 Locations Ambala, Bhiwani, Fatehabad, Faridabad, Gurugram, Hisar, Jind, Kaithal, Karnal, Kurukshetra, Narnaul, Panipat, Rohtak, Rewari, Sirsa, Sonapat & Yamunanagar”**. No manual bids shall be accepted.

The Bid Document and other detailed terms & conditions are available at <https://etenders.hry.nic.in> and [www.hafed.gov.in](http://www.hafed.gov.in).

Bidders are advised to follow the instructions provided in the ‘Instructions to the Bidders for the e-submission of the bids online through the <https://etenders.hry.nic.in>.

The last time and date for submission of the online Bids is **13.02.2023 at 11.00 AM** and Technical Bids will be opened online on **13.02.2023 at 11.30 AM** on the same day.

<b>Bid document Download start date &amp; time</b>	<b>28.01.2023</b>	<b>11.00 AM</b>
<b>Bid Submission End Date &amp; Time</b>	<b>13.02.2023</b>	<b>11.00 AM</b>
<b>Technical Bid Opening Date &amp; Time</b>	<b>13.02.2023</b>	<b>11.30 AM</b>

Bids shall remain open for acceptance up to and inclusive of 90 days from the date of opening of the Bid. HAFED may at its discretion, extend this date by 30 days and such extension shall be binding on the Bidders. If the date up to which the Bid is open for acceptance is declared to be a closed holiday/Sunday, the Bid shall be deemed to remain open for acceptance till next following working day.

The prospective bidders are advised to refer to the <https://etenders.hry.nic.in> for any modification to the Bid Document and the bidders shall ensure that the Bid Documents submitted by them shall contain such modifications, failing which the bids shall be liable to be rejected.

The Bidder shall along with the Technical Bid deposit through electronic mode an amount of Rs.5,00,000/- (Rupees Five Lakh only) towards Earnest Money and Rs. 1,180/- (Rupees One thousand One Hundred and Eighty only) including GST, towards non- refundable Bid Processing/ e-service Fee. Tender Fees Rs. 5,900/- including GST tender fees (non refundable).

HAFED reserves the right to cancel the Bid enquiry at any stage without assigning any reason and HAFED will not be liable for any costs and consequences incurred by the intending Service Provider.

Conditional Bids will be summarily rejected and the EMDs of such Bidders shall be forfeited.

There would be no negotiations.

The offers submitted would be governed by the terms & conditions as laid down in the prescribed Bid Document.

Sd/-  
Managing Director  
HAFED

**NOTE:** All communications must be addressed to **The Managing Director, HARYANA STATE COOPERATIVE SUPPLY AND MARKETING FEDERATION LIMITED, Sector-5, Panchkula - 134109 HARYANA** by designation only and not by the name.

#### **1. WHO CAN PARTICIPATE IN THE TENDER:**

- A. Reputed dealers/ suppliers/ manufacturers of the Laboratory Equipments having at least 3 years experience in the field of supplying laboratory equipments.
- B. Dealers/ suppliers/ manufacturers who have the capacity to supply and install the required numbers of the Laboratory Equipments on turnkey basis within 60 days of placing the supply order.
- C. Dealers/ suppliers/ manufacturers who have never been blacklisted by any of the Central/ State Government Department/ Board/ Corporation/ Company etc
- D. Dealer/Supplier/Manufacturer against whom No Civil/Criminal case is pending in any Court of Law.
- E. Dealer/Supplier/Manufacturer who is ISO certified.
- F. Rates for all items (Annexure-A) needs to be quoted as offer for part supplies shall not be accepted.

#### **2. PARTICULARS AND SPECIFICATIONS:**

- A. It would be in the interest of the tenderer to study the specifications thoroughly before quoting so that if any deviations there from are made, the same may be clearly and prominently brought out in the body of their offers.
- B. The stores shall comply with/ conform to the specifications given in Annexure-A.

#### **3. OBTAINING THE TENDER FORM:**

The prescribed tender form (non-transferable) along with all the Terms & Conditions can be downloaded from the website <https://etenders.hry.nic.in>. The tenderer shall enclose along with the tender online payment receipt of earnest money & tender document fee paid in favour of the Managing Director, HARYANA STATE COOPERATIVE SUPPLY AND MARKETING FEDERATION LIMITED, payable at Panchkula and e-service fee in favour of "Society for IT initiative fund for e - Governance" payable at Chandigarh FOR SUPPLY OF LABORATORY EQUIPMENTS.

#### **4. SUBMISSION OF BID:**

- 4.1 The Bidders may contact NIC Portal Help Desk with regard to technical issues relating to functioning of e-Procurement platform or any doubts regarding online submission of Bid Document at the under mentioned Contact:

##### **Dedicated helpline:**

**e- mail:** <https://etenders.hry.nic.in>

For support related to Haryana Tenders in addition to help desk you may also contact on email ID [eproc.nichry@yahoo.com](mailto:eproc.nichry@yahoo.com), Tel:0172-2700275

**Email:-[support.etender@nic.in](mailto:support.etender@nic.in)**

**For any technical related queries please call at 24x7 Help Desk number 0120-4001002, 0120- 4200462, 0120-4001005, 120-6277787**

- 4.2 Before the last date & time as notified, the bids shall be submitted online in two parts, viz., Technical bid (Part-A) and Price bid (Part-B). The Bids duly signed by the authorized signatory and complete in all respect along with duly filled attachments including Appendices, Annexure and Supporting Documents etc. are to be scanned and uploaded at the space/packet provided in the NIC portal: <https://etenders.hry.nic.in> by the Authorized Signatory as stipulated in the Bid Document. Hard copy of the Bid Documents will not be accepted. HAFED may extend the deadline for submission of Bids by issuing an amendment/ corrigendum in which case all rights and obligations of HAFED and the Bidders previously subject to the original deadline will then be subject to the new deadline.
- 4.3 The onus of ensuring fulfilment of the eligibility condition would be on the Bidder and any Bid, if subsequently found ineligible would be summarily rejected.
- 4.4 If any of the documents are found to be forged / fabricated/ furnished incorrect information at any stage or any concealment on the part of the Bidder is found at any stage, the HAFED shall have the right to take action for debarring/ blacklisting the bidder from participation in any tenders of HAFED apart from initiating legal action under the applicable law for causing any loss/damage and to disqualify/summarily terminate the Contract without prejudice to any other rights or remedies that the Corporation may have under the Contract and Law.
- 4.5 The original/attested copies of the Attachments have to be submitted by the successful bidder on the date to be notified to enable the Corporation to physically verify the authenticity of the documents scanned and uploaded in the e-Procurement portal.
- 4.6 Price Bid submitted by the Bidder in BOQ format of only those bidders who qualify in the Technical bid would be opened.
- 4.7 The indicative list of documents to be submitted along with Bid is at **Annexure-B**.
- 4.8 Bids which do not comply with these instructions shall be summarily rejected.
- 4.9 Price bid shall be prepared using the price bid template (BOQ) provided along with this Bid in the e-Procurement portal.
- 4.10 The bidders shall not incorporate any condition in the bids as conditional Bids and Bids which are not submitted strictly in accordance with the bid terms and conditions will be summarily rejected.
- 4.11 It should be clearly understood by the bidder that no opportunity shall be given to withdraw offer at any stage after submission of the bid.
- 4.12 While preparing the Technical and Price Bid, Bidders are expected to provide correct and relevant information. If at any stage it is found that the information supplied by the Bidder is incorrect, HAFED reserves the right to initiate appropriate legal proceedings including Termination of the contract & forfeiture of EMD/Security deposit.
- 4.13 The Technical Bid shall not include any information sought in the Price Bid. All other Bid documents, except Price Bid, shall be enclosed with the Technical Bid.

- 4.14 Complete technical Bid document (Part-A) along with all Annexures and supporting documents must be serially numbered and signed (wherever applicable these should be digitally signed) by the bidder. The Bidders shall submit the scanned self-attested copies of the supporting documents along with the Technical bid document to enable the Corporation to verify & evaluate the bids. After evaluation of the online bids those Bidders who are meeting the criteria for technical qualification may be advised by HAFED to produce the original copies of documents furnished with the Technical Bids for verification on the date & time to be stipulated. Bids of Bidders who fail to furnish the Original Documents for verification on the date & time fixed for verification will be summarily rejected.
- 4.15 Bidder must read carefully all terms and instructions included in the Bid Documents. Failure to provide complete and accurate information with supporting documents may result in rejection of Bids.
- 4.16 The Bidder shall bear all costs associated with the preparation and submission of its Bid, and the HAFED will in no case, be responsible or liable for these costs, regardless of the conduct or outcome of the Bidding process.
- 4.17 The Bidder shall submit the financial proposal in the price bid template provided along with this Bid (PART-B) online, clearly indicating the quote in both figures and words, in Indian National Rupees (INR), digitally signed by the Bidder's Authorized Representative.
- 4.18 HAFED shall not be liable for any omission, mistake or error on the part of the Bidder while submitting the Bid.

## **5. SIGNING OF TENDER:**

- A. The tender is liable to be ignored if incomplete information is given therein or if the particulars and date (if any) asked for in the tender/ schedule to the Tender are not fully filled in. Particular attention must be paid to delivery dates and also to the particulars referred to in the conditions of the Tender, as the supplier has to comply with them.
- B. The person/ persons signing the tender or other documents connected with a contract must specify in what capacity he/she is or they are signing the tender i.e.
1. Whether signing as a "sole proprietor" of the firm or his attorney.
  2. Whether signing as a partner of the firm or their duly constituted attorney, having authority to bind all the Partners in all matters pertaining to the contract.
  3. Whether signing for the firm 'per procurator."
  4. In the case of companies and Partnership firms the capacity in which signing e.g., Secretary, Manager, Partner, etc. or their attorney, shall be specified and produce copy of document empowering him to do so. In support of the above, the tenderer should submit along with the tender the legal status of the tenderer, i.e.
    - I. Partnership firm- deed of Partnership.



- II. Private Limited Company - Certificate of incorporation, Profit & Loss Account and Balance Sheet, names and address of the Directors, bankers, auditors, solicitors.
- III. Public/Private Limited Company Memorandum of Association, Articles of Association, Profit & Loss Account and Balance Sheet, name and address of the Directors and major share holders, particulars of subsidiaries and holding Company.

## **6. EARNEST MONEY DEPOSIT (EMD):**

The Bidder along with the Bid shall deposit an amount of **Rs. 5,00,000/-** (Rs. Five Lakhs) towards Earnest Money through RTGS / NEFT/ UPI/ ELECTRONIC MODE in the account of HAFED, Panchkula and the scanned copy / soft copy of RTGS / NEFT/ UPI/ELECTRONIC MODE acknowledgment of such deposit shall be uploaded along with the Technical Bid. Bids not accompanied by prescribed Earnest Money shall be summarily rejected.

The earnest money shall be liable to forfeiture if the Bidder after submitting his Bid resiles from his offer and/or modifies the terms and conditions thereof in any manner. The earnest money is also liable to be forfeited in the event of the Bidder's failure after the acceptance of his Bid to furnish the requisite security deposit by the due date without prejudice to any other right or remedies of the corporation under the contract and law.

Earnest money will be refunded to all the unsuccessful Bidders as soon as possible after decision on Bids. No interest shall be payable on the amount of earnest money in any case.

## **7. SECURITY DEPOSIT:**

***The successful Bidder shall furnish, within seven working days from the date of issue of acceptance letter by HAFED, in the shape of Bank Guarantee.***

- A. The successful tenderer is required to furnish a security deposit @ of 10% of the total cost of ordered quantity of stores with the indenting office i.e. HAFED, Panchkula. The amount deposited as the Earnest Money Deposit shall be adjusted against the Security Deposit during the currency of tender.
- B. HAFED will not pay any interest/depreciation on the Earnest Money Deposit/ Security Deposit for the time, whatsoever, it is held by the HAFED.
- C. The security deposit furnished by a tenderer would be subject to the condition that HAFED is not held responsible for any loss that may result from the failure of the Bank or from any other cause.
- D. The successful tenderer will ensure that the necessary documents authorizing the person who has signed the tender to bind his firm or the company has been filed or registered with the Public Department Office.
- E. If the successful tenderer had previously held any contract and furnished security deposit, the same shall NOT be adjusted against this tender and a fresh earnest money deposit/ security deposit will be required to be furnished.
- F. The Security Deposit is refundable, subject to the aforementioned conditions, after the expiry of the guarantee period as per term indicated in the Schedule to the tender.

## **8. FORFEITURE OF EMD/ SECURITY:**

The earnest money deposit shall be liable to forfeiture, without giving any notice and without prejudice to any other right or remedies of the HAFED under the contract and law in the following cases:-

- i. if the Bidder after submitting his Bid resiles from his offer and/or modifies the terms and conditions thereof in any manner.
- ii. in the event of the Bidder's failure after the acceptance of his Bid to furnish the requisite security deposit by the due date.
- iii. in case the Bidder does not execute the necessary agreement within the specified period.
- iv. if the successful bidder fails to abide by the terms of the contract or does not complete the assignment as per the timelines.
- v. in case of any loss caused to HAFED due to acts of omission/commission by the successful bidder/Agency.

## **9. CLARIFICATIONS & AMENDMENTS TO BID DOCUMENTS:**

- 9.1 HAFED may, at any time prior to the due date of the bid and for any reason, whether at its own initiative or in response to any clarification sought by any bidder, modify the Bid document. Any corrigendum / addendum thus issued will be posted on the website of the HAFED ([www.hafed.gov.in](http://www.hafed.gov.in)) as well as Central Public Procurement Portal <https://etenders.hry.nic.in> and such modification will be binding on all. In order to afford the prospective bidders to take into account the modification or for any other reasons, HAFED may, at its discretion extend the due date for the proposal.
- 9.2 HAFED may, at its discretion, seek from any or all bidders, clarification(s) in respect of any particulars furnished in their offer. The request for such clarifications and the response will be in writing to be submitted within the stipulated time.
- 9.3 HAFED at its sole discretion may ignore minor omission in the submission of Technical Bid or may require any Bidders to rectify any such discrepancies noticed in the Technical Bids submitted by them in the interest of increasing the competition. It is further clarified that no new document shall be accepted.

## **10. BID EVALUATION:**

- 10.1 Bid evaluation will be carried out through bid evaluation committee. A two stage procedure will be adopted in evaluating the proposals. The technical evaluation will be carried out first followed by the price bid evaluation. HAFED shall be at liberty to verify any or all the documents or particulars submitted by the bidder even by referring to third parties.
- 10.2 After evaluating the Technical Bid, the Price Bids of only technically qualified bidders will be opened in their presence or their authorized representatives who may wish to be present at the time of opening of Price Bids on a date and time to be notified subsequently.

- 10.3 Bidders are at liberty to be present or authorize a representative to be present at the opening of the bid at the time and date as specified in the bid. If the date fixed for opening of bids is subsequently declared a holiday, the Bids will be opened on the next working day following the holiday but there will be no change in the time/venue for opening of the bid.

**11. BID EVALUATION CRITERIA:**

- 11.1 Bid evaluation committee in the first stage will evaluate the technical bids on the basis of various criteria stipulated in the bid document and there after evaluate the price bids of the bidders who are successful in the technical evaluation.
- 11.2 After determining whether the price bids are complete in all respects and without errors shall determine the lowest price bid for award of contract.
- 11.3 The firm who will be considered L<sub>1</sub>: Combined lowest rates quoted by a firm (included all items of the tender {Annexure- A} in aggregate) i.e the lowest rate of all consolidated items in aggregate and firm has to supply all items instead of individual items.
- 11.4 It is mandatory for a bidder to quote/offer his rates for all the items as required under this bid as per Annexure –A of the tender document. Offer of part bids are liable to be rejected outrightly.

**12. PERIOD FOR WHICH THE OFFER WILL REMAIN OPEN:**

- A. The date up to which the offer shall remain open is indicated in the Schedule and that the offers should remain open for acceptance till that date. However, HAFED reserves the right to extend this period (for which offers are kept open) by another thirty days at its discretion.
- B. Quotations qualified by such vague and indefinite expressions such as "subject to immediate acceptance", "subject to prior sale", etc. will not be considered. Tenderer shall not incorporate any condition in the tender as conditional tender will be ignored.
- C. Any tenderer not keeping offers open for the prescribed period shall be summarily rejected and the EMD of such tenderers will be forfeited. It should be clearly understood by the tenderers that no opportunity shall be given to them to modify or alter or withdraw any offer at any stage after submission of tender.
- D. The quantity of the lab equipments may be increased than given in the tender as per requirement of HAFED and the rate contract will be effective up to one year from the date of first supply order on the same rates, terms and condition as given in this tender.

**13. OPENING OF TENDER:**

- A. The 'Technical Bid' of the tenders shall be opened online on **13.02.2023 at 11.30 AM.**
- B. Tenderers are at liberty to be present or authorize their representative at their own expenses to be present at the opening of the tender as per the time and date specified in the schedule. If the date fixed for opening of tenders is subsequently declared a holiday, the tenders will be opened on the next working day following the holiday but there will be no change in the time for opening as indicated in the Schedule.

- C. Tenders not accompanied by prescribed Earnest Money Deposit will be summarily rejected. Incomplete offer(s) not conforming strictly to the prescribed specifications/ offer not submitted on prescribed tender form or late/delayed tender shall be summarily rejected.
- D. The HAFED reserves the right to accept or reject any or all tenders without assigning any reason/ notice whatsoever.
- E. The offers submitted would be governed by all the terms and conditions laid down in the prescribed tender form in addition to the terms and conditions indicated herein.

**14. PRICE:**

- A. The prices quoted must be net per unit of the Laboratory Equipments as mentioned in the schedule and must be inclusive of all packing and delivery charges FOR destination anywhere in Haryana and shown in Indian Rupees.
- B. Quotations are to be made only for the units specified in the Schedule.
- C. Price quoted should be for delivery FOR destination anywhere in Haryana, Including all Taxes & insurance coverage in Indian currency and should be inclusive of charges such as packing, forwarding etc. Tenders not complete in this respect are liable to be ignored.

**15. AWARD OF CONTRACT:**

The contract will be awarded to the successful lowest bidder by way of issuance of acceptance letter by **HAFED** through Registered post/FAX/E-mail/speed post etc. which will conclude a binding contract between the parties and the Service Provider shall act upon such acceptance letter.

**16. COMMENCEMENT OF SERVICES:**

The successful bidder shall commence the services under the contract from the date stipulated in the acceptance letter issued by the corporation or as advised from time to time by the corporation in this regard.

**17. RISK & COST:**

In the event of failure of the Bidder to undertake the work after award of contract or if Bidder resiles from the contract during its currency, HAFED shall have the right to get the work done from any outside agency at the risk and cost of the Bidder besides forfeiture of the Security Deposit and the Bidder shall be liable to make good the losses, if any, suffered by HAFED on this account and HAFED shall also have the right to deduct/recover the amount of such loss and to claim the balance amount from the Bidder without prejudice to any other remedies under the Contract/Law.

**18. DELIVERY TERMS:**

- A. The delivery of the stores is required as stated in the schedule to Tender. If, however, it is not possible for the tenderer to effect delivery of the stores within the period stated, please indicate in the prescribed schedule to the Tender Form annexed, the date by which the tenderer can guarantee to deliver the stores i.e within 60 days from the issuance of Supply Order.
- B. In the event of supply of number of Laboratory Equipments, beyond the supply schedule for reasons that are not justifiable, a penalty of sum equivalent to 2% of

the price of the stores which the contractor has failed to supply within the delivery period fixed for delivery in the schedule for each month or part thereof shall be levied on the supplier as LD charges.

**19. PACKING:**

- A. The method of packing should be as indicated in the Schedule to Tender Form.
- B. HAFED reserves the right to accept or reject the whole or any of the tender or portion of the quantity offered without assigning any reason whatsoever and does not bind to accept the lowest or any tender,

**20. INSPECTION OF THE STORES:**

- A. Prior to delivery of the stores to conforming to specifications will be put to inspection before the inspecting officer nominated by Managing Director, HARYANA STATE COOPERATIVE SUPPLY AND MARKETING FEDERATION LIMITED, Haryana, Panchkula, for the purpose as per decision of HARYANA STATE COOPERATIVE SUPPLY AND MARKETING FEDERATION LIMITED, for physical checks and to verify whether the stores conform to the laid down specifications. All expenses regarding inspection of the store shall be borne by the firm, if any.
- B. Report of such inspection/ certification shall be considered by the Competent Authority in HARYANA STATE COOPERATIVE SUPPLY AND MARKETING FEDERATION LIMITED, whose decision shall be final and binding on tenderer.

**21. WARRANTY, GUARANTEE & SERVICE OF THE PRODUCT OFFERED:**

- A Warranty:** The tenderer will have to declare that the Laboratory Equipments offered for sale to HAFED shall be of the best quality (and workmanship) and shall be strictly in accordance with such specifications and particulars contains/mentioned in the enclosed Schedule. The purchases made by HAFED shall be at the guarantee of the seller (i.e. tenderer) that the Laboratory Equipments, notwithstanding the fact that the purchaser (inspector), may have inspected and/or approved the said goods/stores/articles, if during the aforesaid period of twelve calendar months the said Laboratory Equipments are discovered to be not conforming to the description and quality aforesaid or have deteriorated (and the decision of the purchaser in that behalf will be final and conclusive), HAFED will be entitled to reject the said equipments under such condition. On such rejection the goods/stores/articles will be at the seller's risk and the seller (i.e. tenderer) shall arrange service, repair & refurbishing free of cost whatsoever it may be, as desired by HAFED.
- B. Guarantee:** For a period of twelve calendar months from the date of delivery of the Laboratory Equipments, the tenderer shall be responsible for any defects, that may develop under the conditions provided for by the contract and under proper use, arising from faulty materials, design or workmanship in the stores. Under this the tenderer shall replace the defective Laboratory Equipments within 15 days with a new Laboratory Equipments of specified quality and specifications.
- C. Service:** The tenderer shall also be responsible to provide free service facilities on the site of installation or at the centers where such facilities exist or duly authorized agents to render the same when called upon to do so in respect of stores for a period of Twelve months from the date of supply.

**22. PAYMENTS AGAINST THE PURCHASES:**

- A. After the Laboratory Equipments are delivered by the tenderer at the destinations specified by the HAFED, Panchkula, the recipient office shall issue a 'Receipt Certificate' / acknowledgment about the number & condition of the equipment(s) received.

- B. 100% payment shall be made within 30 days by the indenting office(s), H.O. of the HAFED on submission of pre-receipted bill (invoice) in triplicate along with certificate from the consignees regarding receipt of stores in good working condition at the destinations.

**23. LAWS GOVERNING THE CONTRACT AND DISPUTE RESOLUTION:**

The contract will be governed by the laws in India for the time being in force. All disputes arising out of this tender will be dealt in court of law of competent jurisdiction.

## **ANNEXURE TO THE TENDER**

### **GENERAL CONDITIONS OF TENDER:**

#### **1. DEFINITIONS AND INTERPRETATION:**

I. In the Contract and the General and Special conditions governing it, unless the context otherwise requires:

- a) "Acceptance of Tender" means the letter of memorandum communicating to the tenderers, the acceptance of his tender and includes the advance acceptance of his tender.
- b) "Consignee" means where the stores are required by the "acceptance of tender to be dispatched by rail, road, air or steamer. The person specified in the acceptance of tender to whom they are to be delivered at the destination, where the stores are required by the acceptance of tender to be delivered to a person as an interim consignee for the purpose of dispatch to another person, such other person and in any other case, the person to whom the stores are required by the acceptance of the tender to be delivered in the manner therein specified.
- c) "Contract" shall means and include the invitation to tender, instructions to tenders, the tender, the acceptance schedule of tender, incorporating also the and the general and special conditions specified in the acceptance of tender and also includes repeat order which has been accepted or acted upon by the contractor.
- d) "Contractor" means the person(s) with whom the contract is made and also includes his heirs, executors, administrators or successors and permitted assignees, as the case may be.
- e) "Inspecting Officer" means the person specified in the Contract for the purpose of inspection of the stores or works under the contract and includes his authorized representatives.
- f) "Material" means anything used in the manufacture or fabrication of the stores.
- g) "Particulars" include:
  - i. Specifications;
  - ii. Samples sealed by the purchaser for guidance of the Inspecting Officer (hereafter called the Certified sample) which shall include also a certified copy thereof sealed by the Purchaser for the guidance of the Inspecting Officer.
  - iii. Any other details governing the construction, manufacturer of supply or stores as may be prescribed by the contract.
- h) "Purchase Officer" means the Officer signing the acceptance of tender and includes any officer who has authority to execute the relevant contract on behalf of the Purchaser.
- i) "Purchaser" means the purchaser named in the Schedule of acceptance to the tender and includes his successors or assignees.
- j) "Schedule" means schedules annexed to the acceptance of tender.
- k) "Signed" includes stamped, except in the case of an acceptance of tender or any amendment thereof.
- l) "Stores" means the goods specified in the Schedule which the contractor has agreed to supply under contract.
- m) "Supply Order" means order for supply of stores and includes an order for performance of service.

- n) "Unit" and "Quantity" means the unit and quantity specified in the Schedule.
  - o) includes matter either in whole or in part, in manuscript, type written, lithographed, cyclostyled, photographed or printed under or over signature or seal as the case may be.
- II. The delivery of stores shall be deemed to take place on delivery of the stores in accordance with the terms of the contract after approval by the Inspecting Officer, to
- i. The consignee at his premises or
  - ii. Where so provided the interim consignee at his premises or a carrier or other person named in the contract as an interim consignee for the purpose of transmission to the consignee.
- III. The heading of these conditions shall not affect the interpretation or construction thereof.
- IV. Terms and expressions not herein defined shall have the meaning assigned to them in the Indian Sale of Goods Act, 1930 or the Indian contract Act, 1972, or the General Clauses Act, 1997 as the case may

## **2. PARTIES:**

- (a) The parties to the contract are the Dealers/Suppliers/ Manufacturer supplying the Laboratory Equipments and HAFED, Sector – 5, Panchkula.
- (b) ADDRESS OF THE CONTRACTOR, NOTES, NOTICES & COMMUNICATION ON BEHALF OF THE PURCHASER.

For all purposes of the contract, there under, the address of the contractor mentioned in the tender shall be the address to which all communications addressed to the contractor shall be sent, unless the contractor has notified a change by a separate letter containing no other communication and sent by Registered Post Acknowledgement to the HAFED (Haryana), Sector – 5, Panchkula. The Contractor shall be solely responsible for the consequences of a mission to notify a change of address in the manner aforesaid. Any communication or notice on behalf of the purchaser in relation to the contract may be issued to the contractor by Purchase Officer and all such communication and notices may be served on the contractor either by Registered Post or Under Certificate of Posting or by ordinary post or by hand delivery at the option of such Officer.

## **3. AUTHORITY OF THE MANAGING DIRECTOR, HARYANA OR AN OFFICER ACTING ON HIS BEHALF:**

For all purpose of the contract proceedings there under the Managing Director, HAFED or any other Officer authorized to act on his behalf shall be entitled to exercise all the rights and power of the purchaser.

## **4. RESPONSIBILITY OF THE CONTRACTOR FOR EXECUTING THE CONTRACT:**

- 1. **Risk in the Stores:** The contractor shall perform the contract in all respect in accordance with the terms and conditions thereof. The stores and every constituent part thereof, whether in the possession or control of the contractor, his agents or servants or a carrier, or in the joint possession, of the Contractor, his agents or servants and the Purchaser, his agents or servants, shall remain in every respect at the risk of the contractor until their actual delivery to the Consignee at the stipulated place or destination or, where so provided in the acceptance of tender, until their delivery to a person specified in the interim consignee for the purpose of dispatch to the consignee. The contractor shall be responsible for all loss destruction, damage or deterioration to the stores from any cause whatsoever while the stores after approval by the Inspecting Officer are awaiting dispatch or delivery or are in the course of transit from the contractor to the consignee or, delivery or, as the case may be, interim consignee. The contractor shall alone be entitled and responsible to make claims against the



Railway administration, other carrier, in respect of non-delivery, short delivery, mis-delivery, loss, destruction, damage or deterioration of the goods entrusted to such carrier by the contractor for transmission to the consignee or the interim consignee as the case may be.

2. **Consignee's right of rejection:** Notwithstanding any approval which the Inspecting Officer of the HAFED may have given in respect of the stores or any materials or other particulars of the work or workmanship involved in the performance of the contract (whether with or without any test carried out by the contractor or the Inspecting Officer or under the direction of the Inspecting Officer) and notwithstanding delivery of the stores where so provided to the Interim consignee, it shall be lawful for the consignee, on behalf of the purchaser to reject the stores or any part, portion or consignment thereof within a reasonable time after actual delivery thereof to him at the place or destination specified in the schedule. If such stores or any part, portion or consignment thereof is not in all respect in conformity with the terms and conditions of the contract whether on account of any loss deterioration or damage before dispatch or delivery or during transit or otherwise howsoever. Provided that where, under the terms of the contract the stores are required to be delivered to an interim consignee for the purpose of dispatch to the consignee, the stores shall be at the purchaser's risk after their delivery to the interim consignee; but nevertheless it shall be lawful for the consignee on behalf of the purchaser to reject the stores or any part, portion or consignment thereof upon their actual delivery to him at the destination if they are not in all respect in conformity with the terms and conditions of contract except where they have been damaged or have deteriorated in the course of transit or otherwise after their delivery to the Interim consignee The removal of stores rejected by the Inspecting Officer shall, mutatis mutandis apply to stores rejected by the consignee as herein provided.
3. **Subletting and Assignment:** The contractor shall not, save with the previous consent in writing of the Corporation, subject, transfer or assign the contract or any part thereof or interest therein or benefit or advantage thereof in any manner.

\*\*\*\*\*

## SCHEDULE TO TENDER

For supply of Laboratory Equipments on Turnkey basis as per specifications contained in the Tender Form.

Downloading of Tender document and online bid preparation/ has submission (Date & Time)	Submission of Technical Bid upto (Date & Time)
From 11.00 AM on 28.01.2023	11.00 am on 13.02.2023

1) **ITEM:** Laboratory Equipments as per specifications mentioned in the tender.

2) **QUANTITY:** Total number of equipments likely to be purchased is during the currency of the tender. Supply order will be placed by HAFED, Haryana, Panchkula depending upon the requirement.

3) **BID SYSTEM:** The offer should be submitted under Two Bid System:

(i) A - Technical Bid; (ii) B- Price Bid.

### **A-Technical Bid:**

The Technical Bid should contain the following authentic documents which are required to be submitted online:

- i. Annual Turnover of dealer/supplier/manufactures for at least three years should be 5 crores in each year (2019-20, 2020-21 & 2021-22).
- ii. Positive Net Worth during last three financial years (2019-20, 2020-21 & 2021-22)
- iii. Work experience certificate for minimum period of three years (2019-20, 2020-21 & 2021-22) for supply of lab equipments. Copy of performance/ completion certificate with mentioning the amount of work done satisfactory from indenting department/organisation on their letter head must be enclosed.
- iv. Valid Firm PAN Card No.
- v. Valid GSTNo.
- vi. ISO certificate.
- vii. Certificate of incorporation and certificate for commencement of business.
- viii. Earnest Money in Indian Rupees **5,00,000/-** submit online for supply of Laboratory Equipments.
- ix. Tender Fee in Indian Rupees **Rs. 5,900/-** including GST submit online.
- x. E-Service Fee in Indian Rupees **Rs. 1,180/-** including GST submit online.
- xi. Affidavit regarding the Dealer/ Suppliers/Manufactures who have never been blacklisted by any government department/corporation/ company etc.
- xii. Affidavit regarding No civil/Criminal case is pending in any Court of Law against the participating firms/companies.
- xiii. Whether any of Dealer/ Suppliers/Manufactures contracts was ever terminated by FCI/Corporations/ Govt. Organization/ PSUs.
- xiv.** Whether Dealer/ Suppliers/Manufactures have participated in any tender with HAFED, give details.
- xv. The manufacturer should have manufacturing license and dealer should have authorised dealer certificate from Principal manufacturer.

## **B—Price Bid:**

The Price Bid should be submitted online only. No manual Price Bid shall be accepted. Price Bid of only such tenderer, whose technical bid are found technically and commercially acceptable, will be opened after technical bids qualification as per approval of competent authority within a week.

**4) DESCRIPTION OF STORES:** Laboratory Equipments with all specified accessories in corrugated box installed in HAFED at given locations.

### **5) SPECIFICATIONS & REQUIREMENTS:**

**a) General:** The Laboratory Equipments as per specification mentioned in tender form along with all accessories (**Annexure-A**).

**b) Rates:** Rate per piece of Laboratory Equipments as per specification mentioned in tender form along with all accessories be quoted in the proforma of Price—Bid online. Price should be inclusive of all taxes, duties, levies, insurance charges, freight & handling charges etc. FOR destination i.e. HAFED nominated centers located anywhere in Haryana.

**6) EARNEST MONEY:** The tender should be accompanied with earnest EMD amount in India Rupees 5,00,000/- for estimated purchase of Laboratory equipments pay online. This EMD shall be adjusted against the Security Deposit in case of the successful tenderer and the EMD of other tenderers shall be returned after finalization of the tendering process.

**7) PACKING:** Laboratory Equipments shall be packed in a corrugated box. The entire responsibility for safe arrival of consignment at destination rests with the firm only. The firm will depute their service engineer to deliver the Laboratory Equipments to the destination to the satisfaction of HAFED.

**8) INSPECTION AT THE TIME OF RECEIPT OF MATERIAL:** Inspection of stores will be done 100% at the receipt point by a committee of HAFED.

**9) DELIVERY TERMS:** Free deliveries of Laboratory Equipments are to be given at HAFED nominated depot anywhere in Haryana to be indicated in Supply Order (s). All expenses up to the point of delivery including road transport charges, Transport insurance and all other incidentals and handling expenses up to the point of delivery will be borne by the supplier and are not to be included in the price bid.

**10) DELIVERY SCHEDULE:** The entire quantity/number of Laboratory Equipments for which order(s) is/ are placed shall be delivered within delivery schedule, as communicated in the supply order. The time frame is the essence of the contract, in the event of supply of numbers of Laboratory Equipments, beyond the supply schedule for reasons that are not justifiable, a penalty of sum equivalent to 2% of the price of the stores which the contractor has failed to supply within the delivery period fixed for delivery in the schedule for each month or part thereof shall be levied on the supplier as LD charges.

**11) SECURITY DEPOSIT:** Successful tenderer shall have to furnish a refundable security deposit 10% of the total value of the quantity ordered for supply with the intending office(s). The amount deposited as EMD shall be adjusted against the SD in case of successful tenderer. The Corporation shall not be liable for payment of interest on security deposit or any depreciation thereof for the time it is held by the HAFED. The Security deposit will be refunded/ released only after satisfactory execution of contract, on completion of the guarantee period of the product supplied and on submission of "NO DUES Certificate" issued by the recipient office(s) of the Corporation. "NO DEMAND CERTIFICATE & PRE-RECEIPT" by the supplier and after deducting all costs and other expenses that the Corporation may have incurred due to default of the supplier on any account and all other losses/damaged that the Corporation is entitled to recover from the supplier.

**12) WARRANTY, GUARANTEE & SERVICE:** The product/store supplied shall be guaranteed for a period of 12 calendar months from the date of receipt of stores at the destination.

- i. Any manufacturing defect and / or substandard material used, if observed , during the guarantee period, the same will be reminded and (or) stores replaced as the case may be, by the supplier at his own cost within 15 days from the date of intimation by the consignee or this office.
- ii. Prompt after sales service shall have to be carried out on request from consignee or indenting office at least for a period of 12 months.

**13) The firm who will be considered L<sub>1</sub>:** The lowest rates quoted by the firm included all items of the tender in aggregate i.e the lowest rate of all consolidated items in aggregate & firm must have to supply all items instead of individual items.

## Appendix I

Full name and address of the  
tenderer in addition to Post  
Box No.,  
if any, should be quoted in all  
communications to this office.

FAX / E. mail .....

Telephone No..... ..

Code used .....

From:

To:

The Managing Director  
HAFED, Sector 5,  
Panchkula.

Dear Sir,

I/We hereby offer to supply the stores detailed in the schedule hereto or such portion thereof as you may specify in the Acceptance of Tender at the price given in the Price Bid and agree to hold this offer open. I/We shall be bound by a communication of acceptance dispatched within the prescribed time.

2. I/We understood the instructions to Tenderer and Conditions of Contract included in the Invitation to the Tender and special Instructions and have thoroughly examined the Specifications indicated in the schedule to this tender and am/are fully aware of the nature of the stores required and my/ our offer is to supply stores in accordance with the requirements.

The following pages have been added to and form part of the tender .....

Yours faithfully,

(SIGNATURE OF TENDERER)  
(With capacity in which signing)

Address:

## Appendix II

### **SPECIAL INSTRUCTIONS TO TENDERERS:**

Contract will be governed by the instructions to Tenderers and conditions of contract indicated in the invitation to tender, special instructions and schedule to tender.

### **INSURANCE CHARGES:**

Purchaser will not pay separately for transit insurance and supplier will be responsible until the entire stores contracted for arrival in good condition at the destination.

### **PRICE PREFERENCE FOR EARLIER DELIVERY:**

It should be noted that if a contract is placed as a result of this invitation to Tender, in reference to the lowest acceptable offer in consideration of offer of earlier delivery with a tender quoting higher rates, the contractor will be liable to pay to the HAFED on the basis of final price F.O.R. Destination, including elements of freight, Sales Tax, Local Taxes, and all other charges in case of failure to complete supplies, in terms of such contract within the date of delivery specified in the tender and incorporated in the contract. This is in addition to and without prejudice to other rights under the terms of contract.

Tenderer(s) shall submit along with their tenders the name of their Bankers.

Printed conditions of the tenders for supply of goods on the back of the letters sent by Tenderers will be ignored and will not form part of their tender.

All appendixes, etc. required to be completed will be filled in properly by the Tenderers, failing which the tenders are liable to be ignored.

Tenderers should give the following declaration along with their tenders:

"I/We declare that "I am/we are manufacturers/ authorized agents of Manufacturers of the stores tendered for".

Place .....

Date .....

Signature of the Tenderer  
with Company's rubber Stamp/seal.

**B - PRICE BID**

**Supply of Laboratory Equipments**

Name of the Tenderer :

Permanent Address of the Tenderer :

Communication address of the Tenderer :

email/Fax/Telephone Nos :

**Name of the authorized signatory :**

I. Name of item: Laboratory Equipments and specifications mentioned in the tender.

II. Quantity offered for establishment of 17 Labs.....( Labs having all items mentioned at Annexure - A in the Tender Form)

III. Rates (in figures) quoted in Rupees on F.O.R. Rs. ....per Lab including Handling charges, CST/ST/VAT and all Taxes.

Rates (in words) quoted in Rupees on F.O.R. Rs. ....per Lab including Handling charges, CST/ST/VAT and all Taxes.

I/We have carefully gone through the Tender terms & conditions and have quoted the rate(s) above in pursuant thereto.

Place .....

Date .....

Signature of the Tenderer  
with Company's rubber Stamp/seal

## **TERMS & CONDITIONS**

1. Intending tenderers are advised to carefully study the DNIT/ specifications etc.
2. Technical bids submitted in any other form shall not be entertained.
3. The Price bids shall be opened online within a week of after opening of Technical bids in presence of the tenderers or their authorized representatives.
4. The rates quoted should be written legibly both in words and in figures. Any over writing/cutting/correction in the tender will make it liable to be rejected.
5. The rates shall be valid for at least 90 days from the date of opening of tenders.
6. The rates should be quoted only at the appropriate place in the tender form.
7. Conditional bids will be out rightly rejected.
8. The online payment receipt of earnest money must be enclosed with the Tender Form in favour of HAFED, Panchkula payable at Panchkula.
9. Conditional, telegraphic and tenders not accompanied by requisite amount of earnest money shall be summarily rejected.
10. The quantity of the material can be increased or decreased at the time of placing of order.
11. Manufacturers/Supplier/Dealers should quote their lowest possible rates after going carefully through the DNIT. Inclusion of any condition stipulated by a Manufacturer/ contractor to the effect that his rates are negotiable or that he is prepared to undertake the job at some percentage less than the lowest rates offered or that he is ready to negotiate further or any other similar condition will render the contractor liable for delistment /debarment for future tenders.
12. HAFED reserves the right to accept/reject any or all tenders without assigning any reason and the right to call some or all the tenderers for further negotiations, if required.
13. Rates for all items (Annexure-A) needs to be quoted as offer for part supplies shall not be accepted.
14. The firm who will be considered  $L_1$  : Combined lowest rates quoted by a firm (included all items of the tender {Annexure- A} in aggregate) i.e the lowest rate of all consolidated items in aggregate & firm has to supply all items instead of individual items.
15. It is mandatory for a bidder to quote/offer his rates for all the items as required under this bid as per Annexure–A of the tender document. Offer of part bids are liable to be rejected outright.
16. The tenders shall be opened online (Two envelope system). In the envelop – A (Technical) and the Envelop-B of Price bid of only those bidders shall be opened online which qualify in the technical bid.



## **Annexure -A**

### **Technical Specification**

**(The following Lab Equipments are required to be considered)**

**1. SEED/GRAIN SAMPLING TRIER – 75cm, 90cm & 150 cm**

Material of Construction - Aluminium

Smooth Finish

Double Tube Length 150cm, outside Dia 3.75 cm, 5 Openings

**2. SEED/GRAIN/DIVIDER (BOERNER TYPE)**

**Smooth Finish : Material flowing components made with joint. All circular parts are made on spinning.**

Size : 86cm Height x 38cm dia (Approx.)

No. of Pockets : 38

Weight : 8 Kg (Approx.) without Pan

Cups : Cup made in single Piece from die increases accuracy of the boerner divider.

Hopper Capacity : 1.2 Kg Approx

Accuracy between Pans: one Percent.

No. of Pans : 02 of Brass

Pan Capacity : 1.3 Kg Approx

**3. ILLUMINATED PURITY WORK BOARD**

Size : 50 cm x 28 cm x 10 cm (Made of teak for longer life)

Drawer Capacity : 930 cc (approx.)

Supply : 220 V AC

Light below the rectangular 11" x 6" opal glass makes a handy diaphanoscope fitted with a magnifying glass covering the entire surface of opal glass.

**4. COMPUTERISED SEED/GRAIN COUNTER**

Controller : Micro Controller based.

Display : Alphanumeric LCD display with backlit or seven decimal display.

Keypad : Membrane type keypad.

Feeding Mechanism : Electromagnetic Vibratory feed

Capacity : Count maximum upto 9999 Seed/Grains in a lot.

Range : 0.3 mm to 15 mm

Precision : Can count very accurately small Grain/Seed/Grains even upto 0.3mm

Removable Pan : Knob provided for removing pan easily.

Separate Pan : Separate pan for Grain/Seed/Grain size below 1 mm

Speed Control : Speed can be controlled by Knob

Seed/Grain Movement : Adjustable knob provided to ensure that the Grain/Seed/Grain moves in a single row.

## 5. DIGITAL TEMPERATURE & HUMIDITY INDICATOR

- Interchangeable Probes
- Calibration certificate of probe is available optionally
- Display temperature humidity & time alarm simultaneously
- Memory of Min/Max measuring value with time stamp for current day & previous day
- Reading indicated in °C and °F unit selectable.
- Desktop placing or wall mounting
- 16x2 line LCD display with switch selectable backlit.
- Low power consumptions & high stability & accuracy.
- Power : 220 V 50 CPS AC supply

### HUMIDITY

Range : 5 to 95% RH  
Resolution : 0.1% RH  
Accuracy :  $\pm 3.5\%$  RH at 25°C

### TEMPERATURE

Range : -40 to +60°C  
Resolution : 0.1°C  
Accuracy :  $\pm 1^\circ$  C at 25°C

## 6. SEED/GRAIN BLOWER (DACOTA TYPE)

Operation : purity testing, docking and cleaning of the grain/Seed/Grain samples.  
Separation : separation by accurately controlling the upward airflow through a transparent plastic column  
Material : Balanced suitable blower fitted on the table, which is made of seasoned wood  
Size : 48 x 56 x 86 cm. (approx.) without tubes  
Operating Voltage : 220V, 50 Hz, AC  
Small Tube Set : 7.6cm dia x 93cm length (approx.) and 4.5cm dia x 93cm length (approx.)  
Large tube set: 10cm dia x 93 cm height (approx.)  
Portability : fitted with castor wheels for portability.

## 7. SEED/GRAIN GRINDER

Adjustable so as to obtain different size of particles, at least 50% of ground material to pass through a wire sieve with meshes 0.50mm and not more than 10% remain on a wire sieve with meshes of 1.00mm.

Grinding chamber size : 75 mm x 25 mm  
Motor : 0.5 H.P.  
Capacity : 5g- 250g  
Voltage : 220-240AC, 50-60 Hz.

## 8. SEED/GRAIN HAND TEST SIEVES - (ROUND BRASS)

A required set of sieves to experiment with various separations and select the correct sieves for each cleaning problem. Frame of sieves are made of brass. Sieve are made of Zinc Plated M.S.

- a) dia 8"x2" (approx.) Set of four Sieves with Top Lid & Bottom Pan
- b) dia 12"x3" (approx). Set of four Sieves with Top Lid & Bottom Pan

## 9. SEED/GRAIN GRADER (LAB. MODEL)

Capacity	: 25-40 Kg/hour (based on Paddy)
Size	: 80 cm x 54 cm x 75cm. (Approx).
Weight	: 39 kg (approx).
Operating Voltage	: 220V, 50Hz AC
Screen Area	: 30 x 25.4cm (approx).
No of working screen	: Two
Motor	: 1/2 HP Single Phase.
Operation	: Manually/Electrically
Screen Provided	: Ten (Details of Sieves given below).
	Screen Sizes: 3.5mm OH, 2.75OH, 2.0 OH, 1.85 OH, 1.75OH, 1.5OH, 7.0RH, 5.0RH, 1.6RH, 1.2RH

## 10. SEED/GRAIN ANALYZER

Image Analysis	: Seed/Grain Analyzer can calculate the morphological parameters of Seed/Grains from flatbed scanner image with advance cluster separation algorithms.
Parameters	: It calculates the Length (L), breadth (B), L/B Ratio, Area and shape Parameters like elongation and compactness of individual Seed/Grains
Data Logging	: Classification parameters of Seed/Grain can be stored in database index with Seed/Grain names.
Seed/Grain Weight	: Individual Seed/Grain weight can also be calculated from the basic Morphological parameters, by supplying the total weight of Seed/Grain in image of thousand Seed/Grain weight.
Statistical Analysis	: Graphical statistical analysis and text output is also simultaneously generated indicating number of Seed/Grains in each category with their individual parameters.
Software Protection	: Software is protected with USB Dongle.

### Require Hardware Configuration:

- i. Scanner 200dpi or equivalent.
- ii. A Laptop Minimum requirement is, Window 7/ Window 8 operating system, CPU with Intel/AMD processor or equivalent , 1GB RAM (min. 1GB free hard disc space) Adobe Reader.

## 11. UNIVERSAL DIGITAL MOISTURE METER

Body	: Made of Alloy Steel
Test cup	: Stainless steel Test Cup Visible while giving pressure
Transducer	: High compression unit removes the porosity effect.
Minimum sample of grain	: More than 30 cubic centimetre
Lead screw guide nut	: Made on CNC and are Interchangeable.
Re – calibration with oven	: Can be done on all commodities independently.
Range	: 3.5 to 40%

Consistency :  $\pm 0.2 \%$   
 Principle of Measurement : Based on Resistance method.  
 Display : 2 x16 character alphanumeric LCD display. (Can display, Print & Record Date, Time, Temperature & Moisture percentage)  
 Interface : Recorded data can be transferred to PC or printer through RS232 port & to PC & Smart Phone through Bluetooth  
 Temperature compensation : Automatic  
 Temperature sensor : PT – 100  
 Averaging : It can have average of no. of readings  
 Keypad : 09 Keys Membrane keypad.  
 Power : 9 V DC, operated, 230V, 50Hz or 6 dry cells.  
 Data Logging : Can record temperature and moisture at various date & time.  
 Data Storage Capacity : It has memory of 200 readings.  
 Weight : 12-14 Kg. Approx.( Not more than 14 kg including test cup, ratchet handle ,cells & adaptor)

## 12. SEED/GRAIN ANALYSIS KIT

It comprises of -

Weighing Balance	: Mechanical weighing balance upto 100 g,
Weight box	: weight box upto 100 g,
Enamelled plate	: 30cm dia with raised rim
Parkhi	: 9" & 12" length
Sieve	: Brass Sieve , 3.35 Mesh
Magnifying glass	: 4" dia
Dial Caliper	: 01
Measuring cylinder	: 20 cc,
Scoop	: 01
Petri dish	: 01
Forcep	: 01
Bag	: Packed in a specially designed canvas bag.

## 13. Precision Weighing Scale

Capacity: 3 kgs to 01 gm

## Annexure-B

### Form 1: Compliance Sheet for Pre- qualification

The documents mentioned in this compliance sheet along with this form will be used for pre qualification of the bidders and should form a part of the Technical Proposal.

S.No.	Basic Requirement	Documents required	Provided Yes/No
1	Annual Turnover of dealer/supplier/manufactures for at least three years should be 5 crores in each year (2019-20, 2020-21 & 2021-22).	Audited financial statements for three financial years OR Certificate from the statutory auditor	
2	Positive Net Worth during last three financial years (2019-20, 2020-21 & 2021-22)	CA's certificate confirming net worth	
3	Work experience certificate for minimum period of three years (2019-20, 2020-21 & 2021-22) for supply of lab equipments. Copy of performance/ completion certificate with mentioning the amount of work done satisfactory) from indenting department/ organization on their letter head must be enclosed.	Attach Performance/Completion Certificate with mentioning amounting of work done satisfactorily by Indenting Department/ Organization on its letter head / with user list	
4	Valid PAN Card No.	Photocopy self attested	
5	Valid GST No.	Photocopy self attested	
6	ISO certificate	Photocopy self attested	
7	Certificate of incorporation and certificate for commencement of business	Certificate	
8	Earnest Money Deposit & e-Service fee/ Tender fee	Scanned copy of online payment receipt	
9	Blacklisting	Affidavit	
10	No civil/Criminal case is pending in any Court of Law against the participating firms/companies	Affidavit	
11	Whether any of Dealer/Supplier/ Manufactures contract was ever terminated by FCI/Corporations/ Govt. Organization/ PSUs.	Self – Certificate letter	
12	Whether Dealer/Supplier/Manufactures have participated in any tender with HAFED.	Self – Certificate letter	
13	The manufacturer should have manufacturing license and dealer should have authorized dealer certificate from Principal manufacturer.	Attested photocopy	
14	Solvency Certificate from any Bank of Rs. 20 Lakh	Bank Solvency Certificate issued by the Bank on their Letter Head by mentioning Solvency word	
15.	Undertaking regarding supply of all the required items as per Tender document	Self certificate on letter head	

**All the above documents must be submitted online along with the tender documents set, duly signed each page and page numbering.**