



Dr. N.L.Meena  
DEAN

कृषि महाविद्यालय, हिण्डोली – बूंदी  
(कृषि विश्वविद्यालय, कोटा)  
**COLLEGE OF AGRICULTURE, HINDOLI- BUNDI**  
**(Agriculture University, Kota)**

P.O. Hindoli, Distt. Bundi (Rajasthan) 323023  
Email: deancoahindoli2021@ gmail.com Mobile: 9414539008

क्रमांक एफ. 13 ( ) / कृविको / कृमविहि / टेण्डर / 2025 / 945-50

दिनांक :- 19.08.2025

कृषि महाविद्यालय हिण्डोली – बूंदी  
में

वित्त वर्ष 2025-26 के लिए  
लेबोरेट्री उपकरण एवं यंत्र क्रय हेतु  
ऑनलाईन खुली बोली / दर संविदा

**तकनीकी बिड**



**कृषि महाविद्यालय, हिण्डोली – बूंदी**  
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**ई-बोली सूचना/2025-26/01**

कृषि महाविद्यालय हिण्डोली – बून्दी में लेबोरेट्री उपकरण एवं यंत्र क्रय करने हेतु एक बारीय क्रय/दर संविदा के लिए सदभावी निर्माताओं/फर्म/कम्पनी/पंजीकृत सप्लायरों से ई-प्रोक्यूरमेंट प्रक्रिया के द्वारा ऑनलाईन बोलीयां आमंत्रित की जाती है। बोली से संबंधित समस्त विवरण विश्वविद्यालय की वेबसाइट <http://aukota.org> एवम् स्टेट प्रोक्योरमेंट पोर्टल [www.sppp.rajasthan.gov.in](http://www.sppp.rajasthan.gov.in) एवं [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) पर डाउनलोड कर देखा जा सकता है। बोली ऑनलाईन माध्यम से [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) पर प्रस्तुत/जमा करानी होगी।

क्रम संख्या	कार्य का नाम	बोली की लागत (रूपयों में)	धरोहर राशि (रूपयों में)	ऑनलाईन बोली फॉर्म उपलब्ध होने की दिनांक व समय	ऑनलाईन बोली फॉर्म जमा करने की दिनांक व समय	ऑनलाईन बोली खोलने की दिनांक व समय	कार्य की अवधि
1.	लेबोरेट्री उपकरण एवं यंत्र	16.29 लाख	32580/-	21.08.25 प्रातः 10.00 बजे से	08.09.25 सायं 5.00 बजे तक	09.09.25 प्रातः 11.00 बजे	15 दिन

बोली फॉर्म शुल्क व बोली प्रतिभूति (धरोहर राशि) जमा कराने के संबंध में विवरण निम्न प्रकार है –

क्र. सं.	शुल्क विवरण	शुल्क	भुगतान का प्रकार
1.	बोली शुल्क	रु. 1000/-	Dean College of Agriculture Hindoli A/c No. 34690100015361 IFSC: BARB0HINDOL To be deposit by RTGS/NEFT. राशि जमा कराने का दस्तावेज ऑनलाईन अपलोड किया जाना चाहिए।
2.	ई-टेण्डरिंग प्रक्रिया शुल्क (risl)	रु. 1000/-	
3.	बोली प्रतिभूति (धरोहर राशि)	रु. 32,580/-	
4.	कुल राशि	रु. 34,580/-	

अधिष्ठाता

### ई-टेण्डरिंग के लिए बोली हेतु निर्देश :-

1. बोलीदाता/संवेदकों को अपना आवेदन ऑनलाईन माध्यम से तकनीकी बिड प्रपत्र के अनुसार प्रस्तुत करना होगा। ऑनलाईन बोली जमा कराने की अंतिम तिथि से पूर्व प्रतिभूति, बोली शुल्क व प्रक्रिया शुल्क राशि जमा कराने का प्रिंटेड दस्तावेज तकनीकी बिड के साथ अपलोड करना आवश्यक है तथा बोली खुलने के पश्चात आवश्यकता पड़ने पर प्रशासन द्वारा मांगे जाने पर भौतिक रूप से प्रस्तुत करना होगा।
2. बोलियाँ ऑनलाईन ही प्रस्तुत करनी होंगी। यदि किसी कारणवश बोली खुलने के दिन अवकाश रहता है या अपरिहार्य कारणों से बोली नहीं खोली जाती है तो अगले दिन या महाविद्यालय द्वारा निर्धारित तिथि को बोली खोलने की कार्यवाही की जावेगी। किसी भी बोली को बिना कारण बताए निरस्त करने का अधिकार अधिष्ठाता कृषि महाविद्यालय हिंडोली के पास सुरक्षित रहेगा।
3. उक्त बोली में भाग लेने वाले बोलीदाताओं को इन्टरनेट साईट [www.eproc.rajasthan.gov.in](http://www.eproc.rajasthan.gov.in) पर रजिस्टर करवाना होगा। ऑनलाईन बोली में भाग लेने के लिए डिजिटल सर्टिफिकेट इनफोरमेशन टेक्नोलॉजी एक्ट 2000 के तहत प्राप्त करना होगा, जो इलेक्ट्रॉनिक बोली में साइन करने हेतु काम आएगा। बोलीदाता उपरोक्त डिजिटल सर्टिफिकेट सी.सी.ए. (C.C.A.) द्वारा स्वीकृत ऐजेन्सी से प्राप्त कर सकते हैं। जिन बोलीदाताओं के पास पूर्व में वैध डिजिटल सिग्नेचर सर्टिफिकेट है, उन्हें नया डिजिटल सिग्नेचर सर्टिफिकेट लेने की आवश्यकता नहीं है।
4. बोलीदाताओं को बोली प्रपत्र इलेक्ट्रॉनिक फॉर्मेट में उपरोक्त वेबसाइट पर डिजिटल साइन के साथ प्रस्तुत करना होगा। जिसके प्रस्ताव डिजिटल साइन के साथ नहीं होंगे, उनके प्रस्ताव स्वीकार नहीं किए जाएंगे।
5. इलेक्ट्रॉनिक बोली प्रपत्रों को जमा कराने से पूर्व बोलीदाता यह सुनिश्चित कर लें कि बोली प्रपत्रों से सम्बन्धित सभी आवश्यक दस्तावेजों की स्कैन कॉपी बोली प्रपत्रों के साथ संलग्न कर दी गई है।
6. कोई भी बोलीदाता बोलीयों को इलेक्ट्रॉनिकली जमा कराने में किसी कारण से लेट हो जाता है तो उसकी जिम्मेदारी महाविद्यालय की नहीं होगी।
7. समस्त बोलीदाता, बोली के सभी प्रपत्रों में आवश्यक सभी सूचियों को सम्पूर्ण रूप से भरकर ऑनलाईन दर्ज करें।
8. ऑनलाईन बोली भरते समय सम्बन्धित निर्देशों का पालन करने के लिए परिणाम स्वरूप बोली प्रक्रिया में उत्पन्न किसी भी प्रकार की बाधा के लिए विभाग जिम्मेदार नहीं होगा।

### इस ई-बोली सूचना की विशेष नियम एवं शर्तें :-

1. धरोहर राशि के बगैर बोलीयाँ स्वीकार नहीं की जायेगी।
- 2- Made In China items will not be accepted
3. तकनीकी बिड के साथ निविदा के दस्तावेज अपलोड करना आवश्यक होगा।
4. तकनीकी बिड में आइटम/उपकरण/मशीन की तकनीकी विशेषताओं, विनिर्देशों (मेक, मॉडल, आकार, वजन, इत्यादि कोई जो भी हो वर्णन सहित विस्तृत लीफलेट, ब्रोशर, पम्पलेट या आइटम का चिन्हित कैटलॉग होना आवश्यक है, इसके अभाव में तकनीकी बिड को रद्द किया जा सकता है।
5. महाविद्यालय न्यूनतम दर वाली बोली को स्वीकार करने के लिए बाध्य नहीं है, सम्पूर्ण बोली या उसके किसी भाग को बिना कारण बताये निरस्त किया जा सकता है।
6. महाविद्यालय न्यूनतम प्राप्त दर पर एक से अधिक प्रदाताओं को बोली आवंटित कर सकता है।
7. सभी आइटम/उपकरण/मशीन लिए एक मानक वारंटी आवश्यक है, जिसे लिखा जाना आवश्यक है।
8. दरें समस्त कर सहित एफ.ओ.आर. कृषि महाविद्यालय चतरगंज हिंडोली-बूंदी होगी।
9. डीन, कृषि महाविद्यालय, हिंडोली-बूंदी के पास बिना कोई कारण बताए किसी भी कोटेशन को स्वीकार या अस्वीकार करने का पूर्ण अधिकार सुरक्षित है।
10. यदि डिलीवरी, और स्थापना के बाद और गारंटी और वारंटी अवधि के भीतर, कोई आइटम का संचालन या उपयोग असंतोषजनक साबित होता है, तो क्रेता को ऐसे सामानों का संचालन या उपयोग जारी रखने



का अधिकार होगा जब तक कि दोषों, त्रुटियों का सुधार न हो जाए। मरम्मत या आंशिक या पूर्ण प्रतिस्थापन द्वारा चूक क्रेता के संचालन में हस्तक्षेप किए बिना की जाती है।

11. नियम और शर्तों की स्वीकृति पावती के रूप में विक्रेता द्वारा विधिवत मुहरबंद और हस्ताक्षरित कोटेशन के साथ वापस किया जाना है अन्यथा कोटेशन को अयोग्य माना जाएगा।
12. टेन्डर में दी गई मात्रा अनुमानित है बजट उपलब्धता के आधार पर संख्या कम-ज्यादा हो सकती है।
13. आपूर्ति पश्चात सन्तोषप्रद गुणवत्ता पाये जाने पर 1 वर्ष बाद सुरक्षा राशि लौटाई जा सकेगी।
14. साइट पर सम्पूर्ण सामग्री की आपूर्ति, स्थापना एवं प्रदर्शन के बाद ट्रेजरी द्वारा भुगतान किया जाएगा। भुगतान पर नियमानुसार TDS and GST काटा जावेगा।

मैंने ऊपर बताए गए सभी नियमों और शर्तों को पढ़ और समझ लिया है।

दिनांक:

निविदादाता के हस्ताक्षर

(रबर स्टाम्प सहित)

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## घोषणा पत्र

हम, ..... प्रमाणित करते हैं कि इस निविदा विनिर्देश के संबंध में हमारे फर्म द्वारा प्रस्तुत सभी जानकारी और डेटा हमारे सर्वोत्तम ज्ञान के अनुसार सत्य और पूर्ण हैं। मैंने विवरण में विनिर्देश, और शर्तों को पढ़ लिया है और विनिर्देशों की आवश्यकताओं और इरादे का पालन करने के लिए सहमत हूं।

(निविदाकर्ता के हस्ताक्षर)

फर्म की मुहर



## तकनीकी बिड भरने हेतु अनुदेश

1. सभी शर्तों को ध्यानपूर्वक पढ़ें तथा कोई संदेह हो तो महाविद्यालय से संपर्क कर स्पष्टीकरण प्राप्त कर लेवे।
2. प्रत्येक प्रपत्र को पहले ध्यानपूर्वक पढ़ें तथा निर्देशानुसार भरकर हस्ताक्षर करें। कोई भी प्रपत्र अधूरा भरा होने, हस्ताक्षर न होने अथवा अन्य कमी होने पर आपकी बोली अमान्य कर दी जाएगी।
3. तकनीकी बिड सभी प्रमाणपत्रों सहित मय हस्ताक्षर डिजीटल माध्यम से हस्ताक्षरित कर अपलोड की जानी है।
4. संलग्न दस्तावेजों की पेज नंबरिंग कर उसकी पृष्ठ संख्या संबंधित Annexure में लिखें ताकि चेक करने में आसानी हो।
5. तकनीकी बिड के साथ संलग्न वित्तीय बिड प्रपत्र केवल जानकारी के लिए है। इसमें कोई राशि नहीं भरे।
6. तकनीकी बिड के साथ लगाया गया कोई भी दस्तावेज मिथ्या, कूटरचित या भटकाने वाला पाये जाने पर तकनीकी बिड अस्वीकार कर दी जाएगी।
7. बोली खुलने से पूर्व बोली प्रतिभूति, बोली शुल्क व प्रक्रिया शुल्क राशि जमा कराने का प्रिंटेड दस्तावेज तकनीकी बिड के साथ अपलोड करना आवश्यक है तथा बोली खुलने के पश्चात आवश्यकता पड़ने पर प्रशासन द्वारा मांगे जाने पर भौतिक रूप से प्रस्तुत करना होगा।
8. तकनीकी बिड में आइटम की तकनीकी विशेषताओं, विनिर्देशों (मेक, मॉडल, आकार, वजन, रंग इत्यादि कोई जो भी हो वर्णन सहित विस्तृत लीफलेट, ब्रोशर, पम्पलेट या आइटम का चिन्हित कैटलॉग होना आवश्यक है, इसके अभाव में तकनीकी बिड को रद्द किया जा सकता है।
9. अधिकृत आवश्यक प्रमाण पत्रों की प्रति तकनीकी बिड के साथ संलग्न करना आवश्यक है।



## आईटम क्रय हेतु फर्म का विवरण

बोलीदाता फर्म/संस्था का नाम	
संस्था का पता	
संस्था के संपर्क सूत्र	टेलीफोन नंबर – मोबाइल नंबर – ईमेल एड्रेस – वेबसाइट एड्रेस –
संस्था के अधिकृत हस्ताक्षरी (Authorised signatory) का नाम व संपर्क नंबर	
बाहरी बोलीदाता होने पर स्थानीय डीलर/सबडीलर का नाम व पता	

बोलीदाता/अधिकृत हस्ताक्षरकर्ता के हस्ताक्षर  
 नाम .....  
 फर्म की मोहर



## तकनीकी बिड के साथ संलग्न किए जाने वाले दस्तावेजों का विवरण

क्र. सं.	दस्तावेज का विवरण	संस्था द्वारा भरा जाने वाला विवरण/अभ्युक्ति	संलग्न पृष्ठ संख्या
1	बोली फार्म की कीमत जमा कराने का विवरण		
2	बोली प्रतिभूति (EMD) जमा का विवरण		
3	प्रोसेसिंग फीस जमा कराने का विवरण		
4	Declaration by Bidder		
5	तकनीकी शर्तें मय हस्ताक्षर		
6	प्रपत्र ए बी सी एवं डी हस्ताक्षरित		
7	वस्तु एवं सेवा कर (GST) प्रमाण पत्र		
8	पेन कार्ड की प्रति		
9	Compliance Sheet Properly Filled		
10	Turnover Certificate 2022-23, 2023-24, 2024-25		
11	Authorization Certificates		
12	Brochures/ catalogues of offered products		
13	Latest Supply Orders to Govt Deptt or Universities 2024-25 if Any		
14	Other Documents If Any		

बोलीदाता के हस्ताक्षर  
नाम .....  
फर्म की मोहर





### **General terms & condition for supply of furniture and other items in reference to E-Bid**

1. Online bids are invited from the bonafide suppliers for supply of Laboratory Equipments and Instruments items required for the use of the College for the period of 12 months w.e.f. the date of agreement after approval by Dean of the college.
2. Bids should be submitted online on e-procurement portal [eproc.rajasthan.gov.in](http://eproc.rajasthan.gov.in).
3. The rates should be quoted online in the prescribed bid form available online. A sample format is attached for reference purpose with this bid.
4. The bid must be accompanied with a EMD of Rs. 32,580/- Deposited as per direction given failing which they will be liable to be rejected.
5. BID must be submitted strictly in accordance with the terms & conditions and specifications of the BID document and the BIDDER should not quote their own/ counter condition while submitting their BID documents otherwise the BID will liable to be rejected. Once the BID is submitted, it will be considered and construed that the BIDDER agrees to all the terms & conditions of the BID.
6. The bidder should have its GST No. otherwise the bid will not be accepted.
7. Rates must be quoted up to the indenter destination FOR Chatarganj – Hindoli.
8. The rates shall remain firm and fix during the contract period and no increase shall be allowed.
9. The College would pay the increased Sales Tax, GST and other duty taxes if imposed by the Govt during the currency of rate contract on submission of proof.
10. Validity of the BIDs/ offers would be 60 days from the date of opening of the BID.
11. The approved rate shall be effective up to 12 months from the date of approved.
12. The BIDDER is not allowed to withdraw or modify his offer or add any condition after opening of the BID, otherwise his earnest money is liable to be forfeited.
13. College reserves the right to accept any BID not necessarily the lowest, reject any BID without assigning any reason and accept one or more BID for all or any one or more items for which BID has been submitted.
14. Approved BIDDER will have to execute an agreement in the prescribed format (which shall be supplied with the BID order) on a non-judicial stamp of Rs. 500/- at his own cost within given time from the approval of the BID in the Dean office.
15. The BID must be submitted/ uploaded accurately in accordance with the conditions of the BID and all the enclosures (duly signed and stamped) otherwise the BID will be rejected.
16. If the purchase order (s) is/ are not executed in time and/ or the satisfaction, the contract approval can be repudiated at any time by the College of Agriculture, Hindoli-Bundi. After giving an opportunity to the Controller (BIDDER) for being heard.
17. Notwithstanding anything contained herein before in these special terms & conditions the College reserves to itself the right to take action against the defaulting suppliers or against the supplier/ agent (s) for any kind of misbehavior or for any breach of the contract what-so-ever by way of working imposes of any penalty forfeiting of security money, cancellation of order, cancellation of the agreement and van of future business dealing.
18. The ordered material will have to be supplied within 15 days from the date of placing the purchase order the 'Urgent' marked purchase order (s) will have to be supplied executed immediately within the period as mentioned in the order (s). validity of the order can be extended by the purchaser (s) failing which Risk purchases may be made from the other supplier(s) and difference paid to or any pertinent letter from any purchaser(s) i.e. the Direct Demanding Officers of any of the unit.
19. In case the ordered goods are not submitted according to the specification and for not supplied in time, the Security Deposit will be forfeited and excess amount if any, incurred by the University will also be recovered from the contractor.



20. Samples with packing of each item must be submitted as desired by technical committee.  
Technical bid without samples checking will not be considered.
21. The price under this rate contract shall be subject to the price fall clause. It is a price safety mechanism in rate contracts and it provides that if the rate contract holder quotes/ reduces its price to render similar goods, at a price lower than the rate contract price to anyone in the state at any time during the currency of the rate contract, the rate contract price shall be automatically reduced with effect from the date of reducing or quoting lower price, for all delivery of the subject matter of procurement under that rate contract & the rate contract shall be amended accordingly. The firms holding parallel rate contracts shall also be given opportunity to reduce their price by notifying them the reduced price giving them fifteen days time to intimate their acceptance to the revised price. Similarly, if a parallel rate contract holding firm and the original rate contract holding firm for corresponding reduction in their prices. If any rate contract holding firm does not agree to the reduced price, further transition with it, shall not be conducted.
22. Payment of the bill shall be made only after goods are delivered at the Stores and on inspection if they are found as per specification. No part payment will be entertained/ accepted.
23. Successful bidders have to deposit performance security 5.0 % of work order amount.
24. In case the BIDDER is an authorized Stockiest/ Dealer/ Agent/ Suppliers or the MFG. for supply of BIded items; Photostat attested true copies of the supporting document (received from MFG.) must be submitted along with the BIDDER.  
If the BIDDER fails to deliver the goods within the period specified in the BID form, the Dean may at his discretion allow the extension of time subject to recovery from the BIDDER to agreed, liquidated damages and not by way of penalty, a sum equal to the following percentage of the value of stores which the BIDDER has filed to supply for period of delay as stated below:-
- |  |       |
|--|-------|
| A. Delay upto one fourth period of the prescribed delivery period:                                       | 2.5%  |
| B. Delay exceeding one fourth but not exceeding half of the prescribed delivery period:                  | 5.0%  |
| C. Delay exceeding half but not exceeding three fourth of the prescribed delivery period:                | 4.5%  |
| D. Delay exceeding three fourth but not exceeding the period<br>equal to the prescribed delivery period: | 10.0% |
25. University may apply penalties as per RTPP act 2012. Any/ Other provisions applying in above contract are governed by the RTPPR-2013 (Rajasthan Transparency in Public Procurement Rules-2013. Provisions related with circulars and notifications regarding hiring of vehicle will be also applicable.
26. All disputes are under jurisdiction of Bundi district.



DEAN

I/We hereby declare that I/We have read carefully all the above-mentioned special terms & conditions and I/We agree to confirm these.

Signature of the Bidder  
With his firm's Rubber stamp

**Special Conditions/ Directions for this Tender**

1. All specification are general in nature.
2. Higher specifications and minor deviation in specification may be allowed but decision of technical cum procurement committee will be final.
3. Brand and model number strictly be mentioned in compliance sheet any discrepancy in model No. while technical check shouldn't be allowed.
4. Please offer best items for given technical specifications and prices.
5. All offered items should have minimum one year warranty if not given in tech specification.
6. If bidder is quoting branded product, please submit brochure with technical BID.
7. Technical committee will check the product only quality first basis. Technical committee may select only one product offered by bidders or may reject all the offers of any product not found satisfactory during technical check.
8. **Outside bidders should have a sub dealer/ dealer firm / Service Center in Kota/ Jaipur for warranty/ repairing purpose.**
9. If any query please contact the College officials before bidding.
10. No pre BID meet is being arranged.



DEAN

I/We hereby declare that I/We have read carefully all the above-mentioned special terms & conditions and I/We agree to confirm these.

Signature of the Bidder  
With his firm's Rubber stamp



**Annexure A: Compliance with the code of Integrity and No Conflict of Interest**

Any person participating in a procurement process shall-

- a. Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- b. Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- c. Not indulge in any collusion, Bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- d. Not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- e. Not indulge in any correction including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- f. Not obstruct any investigation or audit of a procurement process;
- g. Disclose conflict of interest, if any; and
- h. Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

**Conflict of Interest:-**

The Bidder participating in a bidding process must not have a Conflict of Interest. A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

1. A Bidder may be considered to be in Conflict of interest with one or more parties in a bidding process if, including but not limited to;
  - a. Have controlling partners/shareholders in common; or
  - b. Receive or have received any direct or indirect subsidy from any of them; or
  - c. Have the same legal representative for purpose of the Bid; or
  - d. Have the relationship with each other, directly or through common third parties, that puts them in a position to have access have to information about or influence on the bid of another Bidder, or influence the decision of the procuring Entity regarding the bidding process; or
  - e. The bidder participates in more than one bid in a bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all Bids in which the Bidder is involved. However this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one Bid; or
  - f. The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specification of the Goods, Works or Service that are the subject of the Bid; or
  - g. Bidder or any of its affiliates has been hired (or is proposed to be hired) by the procuring Entity as engineer-in-charge/consultant for the contract.

Place:

Signature of the Bidder with seal

Date:



**Annexure B: Declaration by the Bidder regarding Qualifications**

Declaration by the Bidder

In relation to my/our Bid submitted to .....for procurement of .....in response to their Notice Inviting Bids No.....Dated .....I/We hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act, 2012, that:

1. I/We possess the necessary professional, technical, financial and managerial resources and competence required by the Biding Document issued by the Procuring Entity;
2. I/We have fulfilled my/our obligation to pay such of the taxes payable to the union and the State Government or any local authority as specification in the Bidding Document;
3. I/We have are not insolvent in receivership, bankrupt or being wound up, not have my/our affairs administrated by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceeding for any of the foregoing reasons;
4. I/We do not have, and our directors and officers not have, been convicted of any criminal offence related to my/our professional conducted or the making of false statement or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceeding;
5. I/We do not have a conflict of interest as specification in the Act, Rules and the bidding Document, which material affects fair competition;

Date:

Signature of bidder

Place:

Name:

Designation:

Address:



## **Annexure C: Grievance Redressal during Procurement Process**

The designation and the address of the first Appellate Authority is DEAN, College of Agriculture, Hindoli-Bundi.

The designation and the address of the Second Appellate Authority is Vice-Chancellor, Agriculture University, Kota.

### **(1) Filing an appeal**

If any bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the act or the rules or the Guidelines issued there under, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be, clearly giving the specific ground or grounds on which he feels aggrieved:

Providing that after the declaration of a Bidder as successful the appeal may be filled only by a Bidder who has participated in procurement proceeding:

Providing further that in case a Procuring Entity evaluates the Technical Bids before the opening of the Financial Bids, an appeal related to the matter of Financial Bids may be filled only by a Bidder whose Technical Bid is found to be acceptable.

- (2) The officer to whom an appeal is filed under Para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of the appeal.
- (3) If the officer designated under Para (1) fails to dispose of the appeal filed within the period specified in Para (2), or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidder Document in this behalf within fifteen days from the expiry of the period specified in Para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be.

### **(4) Appeal not to lie in certain cases**

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- (a) Determination of need of procurement;
- (b) Provisions limiting participation of Bidders in the Bid process;
- (c) The decision of whether or not to enter into negotiations;
- (d) Cancellation of a procurement process;
- (e) Applicability of the provisions of confidentiality.



**(5) Form of Appeal**

- (a) An appeal under Para (1) or (3) above shall be in the annexed Form along with as many copies as there are respondents in the appeal.
- (b) Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
- (c) Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

**(6) Fee for Filing Appeal**

- (a) Fee for first appeal shall be two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non refundable.
- (b) The fee shall be paid in the form of bank demand draft or banker's cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

**(7) Procedure for disposal of appeal**

- (a) The First Appellate Authority or Second Appellate Authority, as the case may be upon filing of appeal, shall issued notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- (b) On the date of fix hearing, the First Appellate Authority or Second Appellate Authority, as the case may be shall,-
  - (i) Hear all the parties to appeal present before him; and
  - (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.
- (c) After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- (d) The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.



## **Annexure D: Additional Conditions of Contract**

### **1. Correction of arithmetical errors**

Provided that a Financial Bid is substantially responsive, that Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- i. 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, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- ii. If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- iii. If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above. If the Bidder that submitted the lowest evaluated Bid does not accept the correction of errors, its Bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Deceleration shall be executed.

### **2. Procuring Entity's Right to vary Quantities.**

- (i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit price or other terms & conditions of the Bid and the conditions of contract.
- (ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity specified in the Bidding Document due to change in circumstances, the Bidder shall not be entitled for any claim or compensation except otherwise provided in the Conditions of Contract.
- (iii) In case of procurement of Goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 25% of the value of Goods of the original contract and shall be within one month from the date of expiry of last supply. If the Supplier fails to do so, the Procurement Entity shall be free to arrange for the balance supply by limited Bidding or otherwise and the extra cost incurred shall be recovered from the Supplier.

### **3. Dividing quantities among one than more Bidder at the time of award (In case of procurement of Goods):-**

As a general rule all the quantities of the subject matter of procurement shall be procured from the Bidder, whose Bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the Bidder, whose Bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the Bidder, whose Bid is accepted and the second lowest Bidder or even more Bidders in that order, in a fair, transparent and equitable manner at the rates of the Bidder, whose Bid is accepted.





# **Memorandum of appeal under the Rajasthan Transparency in Public Procurement Act, 2012**

Appeal No ..... of .....

Before the ..... (First / Second Appellate Authority)

Appeal under the Rajasthan Transparency in Public Procurement Act, 2012

1. Particulars of appellant:-

(i) Name of the appellant :

(ii) Official address, if any :

(iii) Residential address :

2. Name and address of the respondent(s) :

(i)

(ii)

(iii)

3. Number and date of the order appealed against:

And name and designation of the officer / authority

Who passed the order, or a

Statement of a decision, action or omission of the

Procuring entity in contravention to the provisions of the Act

By which the appellant is aggrieved

4. If the Appellant proposes to be represented by a representative

The name and postal address of the representative:

5. Number of affidavits and document enclosed with the appeal:

6. Grounds of appeal:

.....

..... (Supported by an affidavit)

7. ....Prayer

.....

Place .....

Date .....

Appellant's Signature



## AGREEMENT

1. An agreement made this ..... day of ..... M/s .....  
(hereinafter called "**the approved supplier**", which expression shall, where the context so admits, be deemed to include his/ her successors, executors and administrators of the one part and The Dean College of Agriculture, Hindoli-Bundi of the State of Rajasthan be deemed to include his successors in office and assigns) of the other part.
2. Whereas the approved supplier has agreed with the College to supply to the at its Office. All those articles set forth in the schedule appended hereto in the manner set forth in the conditions of the tender and contract appended herewith and at the rates set forth in column\_\_\_\_\_ of the said schedule.
3. And whereas the approved supplier has deposited a sum of Rs..... vide Demand Draft/ NEFT/RTGS No ..... dated:..... as security deposit/ performance security.
4. Now these Presents witness:
  - (1) In consideration of the payment to be made by the College through Cheque at the rates set forth in the order ..... Date ..... the approved supplier will duly supply the said Furniture items set forth in supply order issued by this office. Thereof in the manner set forth in the conditions of the BID and contract.
  - (2) The conditions of the BID and contract for open BID enclosed to the BID notice No..... dated..... are also appended to this agreement will be deemed to be taken as part of this agreement and are binding on the parties executing this agreement.
  - (3) Letters No..... received from BIDDER and letters No..... issued by the College and appended to this agreement shall also form part of this agreement.
  - (4)
    - (a) The College do hereby agree that if the approved supplier shall duly supply the said articles in the manner aforesaid observe and keep the said terms and conditions, the College will through..... pay or cause to be paid to the approved supplier at the time and the manner set forth in the said conditions, the amount payable for each and every consignment.
    - (b) The mode of Payment will be as specified below:-
      1. After 7 days from submission of supply bill & satisfactory completion of supply as per order.
      2. the delivery shall be effected and completed within the period mentioned in the supply order.
5. In case of extension in the delivery period with liquidated damages, the recovery shall be made on the basis of following percentages of value of stores which the BIDDER has failed to supply :-
  - (a) Delay upto one fourth period of the prescribed delivery period. 2½%
  - (b) Delay exceeding one fourth but not exceeding half of the prescribed delivery period. 5%
  - (c) Delay exceeding half but not exceeding three fourth of the prescribed delivery period. 7½%
  - (d) Delay exceeding three fourth of the prescribed delivery period. 10%

### Note :

- (i) Fraction of a day in reckoning period of delay in supplies shall be eliminated if it is less than half a day.
- (ii) The maximum amount of agreed liquidated damages shall be 10%
- (iii) If the supplier requires an extension of time in completion of contractual supply on account of occurrence of any hindrances, he shall apply in writing to the authority which had placed the supply order, for the same immediately on occurrence of the hindrance but not after the stipulated date of completion of supply.



- (iv) Delivery period may be extended with or without liquidated damages if the delay in the supply of goods is on account of hindrances beyond the control of the BIDDER.
6. Estimated supply cost in currency of rate contract period in Rs. 16.29 Lacs but no minimum quantity/ cost in guaranteed and no compensation shall be paid for this BIDDER have to fulfil the work on Bided/ approved rate in place, time and period as given by Dean College of Agriculture, Hindoli-Bundi.
  7. Rate contract may be extended for further one year if the performance is found satisfactory and market prices shall not fluctuate significantly & after approval of Hon'ble Vice-Chancellor.
  8. Security deposit/ Performance security shall be refunded soon after successful completion of Rate contract. No interest shall be given on this & after.
  9. Security deposit/ Performance Security shall be 5% of order of supply value. Earnest money will adjusted towards this if tenderer wishes so and remaining shall be submitted in the form of D.D. on the same day of the agreement. Failing which empower the university to forfeit the earnest money and cancel to BID. If BIDDER wants to refund the earnest money, he shall submit the security in full.
  10. All disputes arising out of this agreement and all questions relating to the interpretation of this agreement shall be decided by the College and the decision of the College shall be final.
  11. In case any matter is silent, it shall be governed by RPPR-2013 (Rajasthan Transparency in Public Procurement Rules, 2013 to be seen on Finance Department website [www.financerajasthan.gov.in](http://www.financerajasthan.gov.in))

In witness whereof the parties hereto have set their hands on the ..... day of ..... 2025.....

Signature of the approved supplier.

DEAN

Date:

Witness No. 1

Witness No. 1

Witness No. 2

Witness No. 2



**Technical specifications to be find in given bid on letter head or printed brochure**

Laboratory Equipments and Instruments																	
Sr. No.	Item & Approx. Quantity	Technical Specifications															
1	Hot Air Oven (1)	<ul style="list-style-type: none"> <li>• Double-walled unit with inner chamber of stainless steel.</li> <li>• Outer chamber of mild steel duly powder coated.</li> <li>• Temperature thermostatically controlled. Range: 50°C to 250°C ±1°C.</li> <li>• Beaded heating elements are placed in the ribs at the bottom and sides.</li> <li>• Mineral/Glass wool insulation.</li> <li>• Capacity: 200 liters or more.</li> <li>• Corrosion-resistant body for longer life.</li> <li>• Air circulation fan for better heat circulation and drying of samples.</li> <li>• Complete with L-shape thermometer, two indicators, thermostat, and on/off switch.</li> <li>• Microprocessor-based PID temperature controller cum indicator.</li> <li>• Adjustable shelves: 2 or more.</li> <li>• Inner dimensions: 605 x 605 x 605 mm or more.</li> <li>• It should have concealed SS handle and positive latch system.</li> <li>• Supply voltage: 230 V AC, 50 Hz, single phase.</li> <li>• Should have local service setup for prompt and efficient post-sales support.</li> <li>• Warranty: 2 years or more.</li> </ul>															
2	Flame Photometer (1)	<ul style="list-style-type: none"> <li>• Micro controller based.</li> <li>• Up to four elements measured with single aspiration. (Na, K, Ca, Li)</li> <li>• Automatic filter selection, Curve fittings for nonlinear emission characteristics of element at higher concentration ranges (up to 5 standard)</li> <li>• Maximum five-point calibration 5-point calibration.</li> <li>• Records kept of Date and Time of Analysis maximum 700 results, saved setup cut operation steps, Facility for Re- Standardization with single standard.</li> <li>• Measurement results can be printed/recalled later on for display and print out. (700 max)</li> <li>• 4-Line, 20 Character alphanumeric LCD READOUT</li> <li>• Centronics printer port for Epson compatible dot matrix printers.</li> <li>• Compressor with built in Air filter and Air Regulator.</li> <li>• RS-232 Interface (Optional)</li> </ul> <p>Range of operation:2.5001</p> <table border="1"> <thead> <tr> <th>ELEMENTS</th><th>LOW CONC. MODE (Max.) Without Dilution</th><th>HIGH CONC, MODE (Max.) Without Dilution</th></tr> </thead> <tbody> <tr> <td>Na</td><td>10 ppm</td><td>100 ppm</td></tr> <tr> <td>K</td><td>10 ppm.</td><td>100 ppm</td></tr> <tr> <td>Li</td><td>2 ppm</td><td>50 ppm.</td></tr> <tr> <td>Ca</td><td>100 ppm</td><td>300 ppm</td></tr> </tbody> </table> <p>(i) Curve fit software is provided for high concentrations mode.  (ii) Curve fit accuracy: + 2% f s.  (iii) Suitable dilution is required for concentrations higher than given in the above table.</p> <p><b>Full Scale Sensitivity: -</b></p> <ul style="list-style-type: none"> <li>• Na : 2 ppm K : 1 ppm Li : 1 ppm Ca :30 ppm.</li> <li>• Interference filters: Na and K supplied.</li> <li>• Reproducibility: Low Conc.: + 1% fs.; High Conc.: + 2% fs.</li> <li>• Minimum Sample: Approx. 3 ml per element (at Avg. Time 2 to 15 seconds.)</li> <li>• Averaging: 2 to 15 seconds, selectable.</li> <li>• Aspiration Time: (5 Sec + Avg. Time) per element + 4 sec.</li> </ul>	ELEMENTS	LOW CONC. MODE (Max.) Without Dilution	HIGH CONC, MODE (Max.) Without Dilution	Na	10 ppm	100 ppm	K	10 ppm.	100 ppm	Li	2 ppm	50 ppm.	Ca	100 ppm	300 ppm
ELEMENTS	LOW CONC. MODE (Max.) Without Dilution	HIGH CONC, MODE (Max.) Without Dilution															
Na	10 ppm	100 ppm															
K	10 ppm.	100 ppm															
Li	2 ppm	50 ppm.															
Ca	100 ppm	300 ppm															

		<ul style="list-style-type: none"> <li>• Operating Air pressure: 0.45 kg / cm<sup>2</sup> (typical)</li> <li>• Air Compressor: With built-in air regulator and air filter to deliver stable and Moisture/oil free air supply.</li> <li>• Fuel Gas: LPG.</li> <li>• Power Supply: 230 V AC +/- 10%, 50 Hz.</li> <li>OPTIONAL:</li> <li>• Calcium Filter.</li> <li>• Lithium Filter</li> <li>• PC Link Software for T-128 80 Col. Dot Matrix Printer for T-128.</li> </ul>
3	Double Distilled Water Unit (1)	<ul style="list-style-type: none"> <li>• Capacity: 2.5 Liters per hour.</li> <li>• vertical chamber type quartz</li> <li>• Heater/Condenser/Boiler: Quartz.</li> <li>• Minimum cooling water required: 2 liters per minute.</li> <li>• Power consumption: 4.4 kW, Voltage: 230 V.</li> <li>• Dispense rate: Minimum up to 900 ml per minute.</li> <li>• Auto-filling reservoir, provision to connect storage reservoir on demand output, biological activity pyrogen free.</li> <li>• Safety cover of instrument.</li> <li>• 3 years warranty,.</li> </ul>
4	Rotary shaker 1 (1)	<ul style="list-style-type: none"> <li>• Ideal for shaking in Erlenmeyer flasks. Capacity: 5 nos. 500 ml or higher.</li> <li>• Universal platform size: 12-inch x 12-inch.</li> <li>• Platform dimension in mm (LxB): 320 x 415 x 130 mm or more.</li> <li>• Shaking plate form should be made of stainless steel with facility to accommodate interchangeable clamps of assorted sizes of different capacity.</li> <li>• Brushless DC MOTOR (BLDC) fitted in base assembly fabricated from heavy mild steel section. Single eccentric bearing and heavy-duty bearing for small numbers of moving parts.</li> <li>• Shaking speed: 50–400 rpm with digital speed of speed and timer for 99 min.</li> <li>• Automatic digital ON/OFF timer 99 min.</li> <li>• Shaker should have universal platform to accommodate interchangeable clamps of different size flasks ranging from 50 ml to 500 ml.</li> <li>• Power Supply: 220–240 volts, 50Hz, single phase, stabilizer-free working &amp; to work on 220V AC supply with BLDC heavy duty motor for continuous shaking.</li> <li>• Equipment should be the quality mark ISO 9001, CE, GMP and USFDA listed/European CE certified. IQ, OQ, PQ documentation should be provided with instruments.</li> <li>• Should be compact and space-efficient for easy use.</li> <li>• Digital display with presetting facility for easy use.</li> <li>• Shaking orbit pf 10 mm or better.</li> <li>• Warranty 1 year or more.</li> </ul>
5	Hot plate (1)	<ul style="list-style-type: none"> <li>• Plate design: Rectangular and Round,</li> <li>• Temperature: Up to 300°C</li> <li>• Heating plate surface: Stainless Steel 304 / Mild Steel / Cast Iron</li> <li>• Cabinet MOC: Powder coated MS</li> <li>• Controller: Thermostatic controller</li> <li>• Power supply: 220 Volts 50Hz</li> <li>• Digital temperature controller</li> <li>• Temperature up to 500°C</li> <li>• Plate dimensions: 455 x 600 mm/ 18*24 inch, 3.0 Kw</li> </ul>

6	Spectro-photo meter (1)	<ul style="list-style-type: none"> <li>• Double Beam UV-Vis Spectrophotometer,</li> <li>• Wavelength range of 190 to 1100 nm,</li> <li>• Fixed bandwidth of 1.8 nm,</li> <li>• Readability of 0.1 nm. It boasts wavelength accuracy of <math>\pm 0.5</math> nm and repeatability of <math>\pm 0.2</math> nm.</li> <li>• The instrument also features a 7-inch LCD display with backlight, and allows for printing test results via an external printer.</li> <li>• Installation and training to be provided at site</li> </ul>
7	Compound Microscope with photo display (1)	<ul style="list-style-type: none"> <li>• Unit Should have Ergonomic and Compact design for user convenience.</li> <li>• Unit should be made of aluminium die-cast material for smooth and precise movement of component based on ball bearing.</li> <li>• Unit should have Co-axial coarse and fine controls with a focus adjustment and fine adjustment knobs with coarse focus range 20mm</li> <li>• Unit should have Rack and pinion mounted condenser holder.</li> <li>• Unit should have built in Abbe condenser with aperture diaphragm (N.A 1.25).</li> <li>• Unit should have Inclined Binocular observation head upto 30 Degree inclination and 360 Degree rotatable diopter adjustment.</li> <li>• Should be illuminated with Transmitted Illuminator or LED Lamp.</li> <li>• Eye piece should be with unique wide field optical design for relief of eyes from fatigue for prolonged use.</li> <li>• Objective lens should be Plan Achromat type with 4x, 10x, 40x, 100x magnification.</li> <li>• Should have Stage Focusing Mechanism with Coarse Handle</li> <li>• Should be supplied with 15 Mega pixel or more camera attachment and laptop to visualize sample, Should be supplied with dust cover complete set. With mount stand, camera, Notebook PC.</li> <li>• Should have microscope camera software and image processing system.</li> <li>• Notebook system should contain configuration (minimum 12th Gen Intel Core i7, RAM minimum 8GB, Windows 11, MS Office 2021, Wi Fi, Bluetooth, Screen minimum 16 inch or above, FHD, IPS Display, Eye Comfort use for operating Microscope.</li> <li>• Service and operation manuals to be provided; &amp; onsite demonstration</li> <li>• Unit should be ISO and CE certified</li> <li>• Warranted for 1 years or more after satisfactory installation.</li> </ul>
8	BOD Incubator (1)	<ul style="list-style-type: none"> <li>• Unit should be constructed with double-walled design.</li> <li>• Unit's outer door made of CRCA steel with powder-coated paint with lock and key arrangement.</li> <li>• Unit's inner chamber made of Stainless Steel 304 (AISI Grade, non-corrosive, non-magnetic).</li> <li>• Unit should have machine-filled CFC-free polyurethane foam (PUF) insulation to eliminate void pockets and better thermal maintenance.</li> <li>• Unit should have minimum two trays/shelves made of SS 304 grade.</li> <li>• Unit should have electronic digital temperature controller with PT-100 sensor-based controller and facility to view current and set temperature.</li> <li>• Temp. range: 5°C to 60°C</li> <li>• Unit should have audio-visual alarm warning for temperature variation.</li> <li>• Unit should have prefabricated size: inner 420x380x580mm approx. and outer 540 x 490 x 1050mm approx. Unit should have capacity 80 to 85 liters or higher.</li> <li>• Unit should offer full view inner glass door, through the same triple-walled box, to view chamber in the same triple-walled box of the chamber during operation.</li> <li>• Unit should switch from heating to cooling and vice versa irrespective of the ambient temperature capable of working without any user intervention.</li> </ul>

		<ul style="list-style-type: none"> <li>• There should be provision for illumination inside the chamber.</li> <li>• Unit should have safety features like high/low temperature cutoff with alarm. TDR for compressor.</li> <li>• Unit should have caster wheel at bottom for easy mobility.</li> <li>• AC 220V plug to work on 220V, 50Hz AC supply.</li> <li>• Provided with automatic voltage stabilizer to be supplied along with instrument.</li> <li>• Equipment should be of the quality mark ISO 9001: CE, GMP and USFDA listed/ European CE certified. IQ, OQ, PQ documentation should be provided with students.</li> <li>• All documentation should be provided with instruments.</li> <li>• Manufacturer should have branch office in Rajasthan to ensure good after sales service and also provide engineers name and mobile numbers.</li> <li>• Users list to be provided with tender.</li> <li>• Warranty of 1 year.</li> </ul>
9	Autoclave (1)	<ul style="list-style-type: none"> <li>• Double walled unit horizontally mounted on a sturdy, heavy M.S. stand duly painted or Stainless steel tubular stand.</li> <li>• Chamber &amp; Boiler (Steam Generator) are constructed from S.S. 304 Grade.</li> <li>• Dimensions minimum 450x600mm</li> <li>• Lid (single piece door) made of stainless steel tightened by Radial Locking System.</li> <li>• Sealing of Lid by Neoprene Rubber Gasket.</li> <li>• Chamber Insulated by Mineral/Glass Wool to minimise the heat losses and is covered by polished stainless steel sheet.</li> <li>• Fitted with pressure gauge, safety valve and steam release valve.</li> <li>• Sterilizing Temperature up to 130-134 °C.</li> <li>• Sterilizing pressure : 1.2 to 1.5 kg/cm<sup>2</sup> (15 psi to 22psi).</li> <li>• Hydraulically Tested up to 40 psi.</li> <li>• Fitted with separate valves for injecting the steam into the main chamber.</li> <li>• Fitted with Automatic Vacuum Breaker to break the vacuum in case of formation of vacuum due to steam condensation.</li> <li>• Fitted with Automatic Low Water Level Cut-off Device for Prevention of Heaters.</li> <li>• Fitted with Automatic Pressure Control Switch to economizes power consumption by reducing frequent opening of the steam release valve. It cuts off the power supply to heaters when the set pressure is achieved and re-energizes the heating elements when pressure falls below the set point.</li> <li>• Voltage: 220/230 Volts AC. Warranty of 2 year or more</li> </ul>
10	Laminar Air Flow (1)	<ul style="list-style-type: none"> <li>• Laminar Air Flow (Horizontal) with Microprocessor Control and Alarm.</li> <li>• Complete Body Construction Made of SS 304.</li> <li>• Working Area size: 180x60x60cm.</li> <li>• Switches: Microprocessor based switches for blower, LED light &amp; UV light with LCD back light display. (UV light with Timer).</li> <li>• Pre Filter: 90.00% down to 5 microns.</li> <li>• HEPA Filter: ISO 14644 Class 5 (Class 100) 99.97% - 99.99% down to 0.3 micron. (Mesh guard for protection of HEPA filter.</li> <li>• Airflow: Frontward Horizontally</li> <li>• Noise Level: 60 decibels <math>\pm</math> 5%.</li> <li>• Velocity: 0.35-0.50m/sec.</li> <li>• Work Table: Made up to Stainless Steel 304gr. Cock for gas on work table.</li> <li>• Side Panels: 6mm<math>\pm</math>.5mm thick acrylic sheet.</li> <li>• Front door: Made of Acrylic, UV Lamp: 30W</li> <li>• Illumination: LED White Light.</li> </ul>



		<ul style="list-style-type: none"> <li>• Pressure: Digital Manometer 0-50mm range with filter failure alarm.</li> <li>• Power Supply: 230V <math>\pm</math> 10V/50 Hz single Phase AC.</li> <li>• Cabinet: Made of SS 304</li> <li>• Heavy Duty Blower: Dynamically balance with 0.25 HP Electric Motor Mounted on anti vibration pad 1440rpm motor.</li> <li>• All Required Specifications Must be available in Manufacturer Brochure.</li> <li>• Authorization / Certificate Required:</li> <li>• Manufacturers have ISO 9001, ISO 13485, ISO 14001, ISO 14644, ISO 18001, CE Registered, EN 12469, BIFMA Level 3 Registered.</li> <li>• Warranty of 1 year or more.</li> </ul>
11	Microwave Oven (1)	<ul style="list-style-type: none"> <li>• Capacity minimum 26-28 litres</li> <li>• Stainless Steel Cavity</li> <li>• Power consumption 1900 to 2000 W</li> <li>• Grill Power consumption 1150 to 1250 W</li> <li>• Features like auto cook, timer, child safety lock, defrost etc.</li> </ul>
12	Hydrometer (2)	<ul style="list-style-type: none"> <li>• Type: Soil Sedimentation Hydrometer (Bouyoucos type)</li> <li>• Range: 0 – 60 grams/litre (or as per standard soil suspension ranges)</li> <li>• Scale Graduation: At 1 g/L or finer</li> <li>• Accuracy: <math>\pm</math> 0.25 g/L</li> <li>• Calibration: Factory calibrated with certificate</li> <li>• Material: Borosilicate glass with permanent scale markings</li> <li>• Standard Compliance: ASTM D422 or IS equivalent</li> <li>• Accessories: Optional thermometer (if required)</li> <li>• Packaging: Protective case/box for safe transportation</li> </ul>
13	Infiltrometer (2)	<ul style="list-style-type: none"> <li>• Type: Double Ring Infiltrometer</li> <li>• Ring Sizes: Inner Ring: 30 cm diameter; Outer Ring: 45 cm diameter (or appropriate ratio) &amp; Height of Rings: 30 cm minimum</li> <li>• Material: Heavy-duty Stainless Steel or Galvanized Iron (GI) with rust-proof coating</li> <li>• Accessories: Driving plate or wooden plank, Water measurement scale or graduated cylinder &amp; Water pouring can</li> <li>• Purpose: For field measurement of soil infiltration rate</li> </ul>
14	Digital Anemometer (1)	<ul style="list-style-type: none"> <li>• Wind Speed Range: 0.4 to 30 m/s</li> <li>• Resolution: 0.1 m/s</li> <li>• Accuracy: <math>\pm</math>2%</li> <li>• Display: LCD with backlight, multi-unit (m/s, km/h, knots)</li> <li>• Temperature Measurement: -10°C to +50°C (optional, preferred)</li> <li>• Power: Battery operated</li> <li>• Functions: Max/Min, Average, Hold</li> <li>• Build: Compact, rugged ABS body, weather-resistant</li> <li>• Accessories: Carry case, user manual</li> <li>• Warranty: Minimum 1 year</li> </ul>
15	Rain Gauge (1)	<ul style="list-style-type: none"> <li>• Collector Diameter: 127 mm <math>\pm</math> 0.5 mm (as per IMD standard)</li> <li>• Material: Non-corrosive plastic or FRP; durable for outdoor use</li> <li>• Measuring Cylinder: Transparent with clear mm graduation; Capacity: up to 25 mm</li> <li>• Outer Container: Capacity: up to 200 mm rainfall, Weather-resistant</li> <li>• Stand: Metal or plastic stand, 30–50 cm height; Stable and easy to install</li> <li>• Accessories: User manual; Optional: levelling bubble</li> <li>• Warranty: Minimum 1 year</li> <li>• Make: IMD/ISI standard or equivalent</li> </ul>
16	Sunshine Recorder (1)	Type: Traditional Campbell-Stokes Sunshine Recorder.







		<ul style="list-style-type: none"> <li>• Components: Glass Sphere: Solid, optically ground glass ball, approximately 100 mm (4 inches) in diameter.</li> <li>• Base &amp; Frame: Heavy-duty base made from corrosion-resistant metal or polished marble for stability.</li> <li>• Adjustable frame for mounting the sphere, designed for latitudes between 0° and 45° North.</li> <li>• Burn Cards: Supplied with a complete set of 3 types of recording cards for different seasons: Summer (curved), Equinox (straight) and Winter (short curved)</li> <li>• Cards are graduated in hours.</li> <li>• Levelling Device: Equipped with 2 or more levelling screws and a spirit level to ensure accurate horizontal positioning.</li> <li>• Durability: Weatherproof construction suitable for outdoor installation year-round.</li> </ul> <p><b>Accessories:</b></p> <ul style="list-style-type: none"> <li>• Set of 100 recording cards (at least); Carrying/storage box if portable; Instruction manual.</li> <li>• Installation Requirement: Should be mounted on a rigid, vibration-free platform in an open area free from shade or obstruction.</li> <li>• Compliance: Conforms to WMO (World Meteorological Organization) recommendations for sunshine duration recording.</li> <li>• Warranty: Minimum 1-year manufacturer's warranty against manufacturing defects.</li> </ul>
17	Stevenson Screen (1)	<ul style="list-style-type: none"> <li>• Type: Double-Louvered Stevenson Screen (IMD standard)</li> <li>• Material: High-quality seasoned wood or UV-stabilized PVC/FRP; Painted white (reflective, weather-resistant)</li> <li>• Design: Louvered sides for natural air ventilation; Double-roofed for insulation (preferred)</li> <li>• Bottom and door for easy access</li> <li>• Size: Approx. Length: 54 cm, Width: 30 cm, Height: 36 cm (<math>\pm 10\%</math>), Suitable to house dry bulb, wet bulb, max/min thermometers</li> <li>• Mounting: Mounted on metal or wooden stand (height ~120 cm); Sturdy and stable for field conditions</li> <li>• Purpose: To house meteorological instruments in shaded, ventilated, and radiation-free environment</li> <li>• Accessories: Stand, mounting hardware, instruction manual</li> <li>• Compliance: As per IMD (India Meteorological Department) specifications</li> <li>• Warranty: Minimum 1 year</li> </ul>
18	Ocular Meter (1)	<ul style="list-style-type: none"> <li>• 19 mm Ocular Micrometer is a high-precision measuring scale designed to fit standard 19mm diameter microscope eyepieces.</li> </ul>
19	Camera Lucida (1)	Mirror type microscope camera lucida, designed for easy use and accurate image projection on plane surfaces.
20	Munsell Soil Color Chart (1)	<ul style="list-style-type: none"> <li>• Model: Munsell Soil Color Book (Revised Edition)</li> <li>• Pages Included: Moist and dry soil colors and Munsell notations (Hue, Value, Chroma)</li> <li>• Format: Bound portable color chart book</li> <li>• Material: Durable, washable color chips (Munsell standard)</li> <li>• Use: Soil color identification in field/lab conditions</li> <li>• Origin: Must be genuine Munsell/NCS product with manufacturer's certificate</li> </ul>
21	Stage Micrometer (1)	<ul style="list-style-type: none"> <li>• Type: Microscope Stage Micrometer Slide</li> <li>• Slide Size: Standard 75 mm <math>\times</math> 25 mm (glass)</li> <li>• Scale Division: <ul style="list-style-type: none"> <li>• 1 mm total length</li> <li>• Divided into 100 divisions (each division = 0.01 mm or 10 microns)</li> </ul> </li> </ul>






		<ul style="list-style-type: none"> <li>• Material: Optical-grade glass with high-precision engraved scale</li> <li>• Accuracy: <math>\pm 0.001</math> mm or better</li> <li>• Marking: Engraved or printed scale with calibration mark</li> <li>• Usage: For microscope calibration and magnification verification</li> <li>• Standard Compliance: Traceable to NIST or equivalent standard</li> <li>• Packaging: Supplied in protective plastic or wooden box</li> </ul>
22	Centrifuge Machine (1)	<ul style="list-style-type: none"> <li>• Type: Bench-top Laboratory Centrifuge</li> <li>• Speed: Minimum 10000 RPM (adjustable) or above</li> <li>• RCF (Relative Centrifugal Force): Minimum <math>3000 \times g</math></li> <li>• Timer: Digital timer (0–99 minutes or more)</li> <li>• Display: Digital display for speed and time</li> <li>• Rotor Type: <ul style="list-style-type: none"> <li>• Fixed angle rotor or swing-out rotor</li> </ul> </li> <li>• Should support 8 to 12 tubes (15 ml or 50 ml capacity)</li> <li>• Tube Compatibility: Standard conical or round-bottom centrifuge tubes</li> <li>• Motor: Brushless DC motor (preferred for durability and low maintenance)</li> <li>• Safety Features: <ul style="list-style-type: none"> <li>• Lid interlock system</li> <li>• Imbalance detection</li> <li>• Auto stop during lid opening</li> </ul> </li> <li>• Body Material: Powder-coated MS/ABS plastic – corrosion resistant</li> <li>• Voltage: 220–240 V, 50 Hz AC</li> <li>• Accessories: Supplied with compatible rotor and tube holders</li> <li>• Warranty: Minimum 1 year</li> <li>• Standards Compliance: CE / ISO Certified (or equivalent)</li> </ul>
23	Stereomicroscope (1)	<ul style="list-style-type: none"> <li>• Trinocular tube with an inclination of <math>45^\circ</math> for greater ease of observation.</li> <li>• Magnification :- 7x to 45x or 6.5x to 45</li> <li>• Zooming ratio :- 6.4:1 or 1:6.7</li> <li>• Wide field eyepiece :- 10x (paired).</li> <li>• Objective :- 0.7x to 4.5x or 0.65 to 4.5x</li> <li>• Rack-Pinion focusing stroke :- 50 mm.</li> <li>• Crisp, erect images with high resolution and excellent stereoscopic effect. Standard working distance 100mm, regardless of magnification.</li> <li>• Field of view 28.6-4.4 mm. Interpupillary distance from 54 to 75 mm.</li> </ul>
<b>Note:- Made in China items will not be accepted</b>		



## Laboratory Equipments and Instruments technical specification cum compliance sheet

Sr. No.	Product Name & Approx Qty.	Approx price per Unit	Technical specification	Sample Photo	Compliance to be filled by bidder		
					Product brand/ make and model no.	Technical specification compliance Yes/No	Are technical specification are higher side Yes/No
1.	Hot Air Oven (1)	75000	Technical specification must be as per Technical sheet				
2.	Flame Photometer (1)	200000	Technical specification must be as per Technical sheet				
3.	Distilled water unit (1)	150000	Technical specification must be as per Technical sheet				
4.	Rotary shaker 1 (1)	30000	Technical specification must be as per Technical sheet				






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5.	Hot plate (1)	15000	Technical specification must be as per Technical sheet				
6.	Spectro-photometer (1)	250000	Technical specification must be as per Technical sheet				
7.	Compound Microscope with photo display (1)	250000	Technical specification must be as per Technical sheet				
8.	BOD Incubator (1)	145000	Technical specification must be as per Technical sheet				
9.	Autoclave (1)	100000	Technical specification must be as per Technical sheet				





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10.	Laminar Air Flow (1)	140000	Technical specification must be as per Technical sheet				
11.	Microwave Oven (1)	15000	Technical specification must be as per Technical sheet				
12.	Hydrometer (2)	2000	Technical specification must be as per Technical sheet				
13.	Infiltrrometer (2)	10000	Technical specification must be as per Technical sheet				
14.	Digital Anemometer (1)	50000	Technical specification must be as per Technical sheet				

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15.	Rain Gauge (1)	5000	Technical specification must be as per Technical sheet				
16.	Sunshine Recorder (1)	15000	Technical specification must be as per Technical sheet				
17.	Stevenson Screen (1)	30000	Technical specification must be as per Technical sheet				
18.	Ocular meter (1)	2000	Technical specification must be as per Technical sheet				
19.	Camera Lucida (1)	15000	Technical specification must be as per Technical sheet				

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20.	Munsell Soil Color Chart (1)	15000	Technical specification must be as per Technical sheet				
21.	Stage micrometer (1)	3000	Technical specification must be as per Technical sheet				
22.	Centrifuge machine (1)	50000	Technical specification must be as per Technical sheet				
23.	Stereomicroscope (1)	50000	Technical specification must be as per Technical sheet				

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