



# COLLEGE OF AGRICULTURE

(S.K.N. Agriculture University-Jobner)  
Bhusawar: Bharatpur (Rajasthan)



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No.F./Estt./Dean-COAB/2024/720

Dated: 19-12-2024  
19-12-2024

## Open Tender Notice

Sealed tenders are invited from the reputed firms/OEM for the supply of Laboratory Instrument and accessories. The tender downloaded from state procurement portal Website [www.sppp.rajasthan.gov.in](http://www.sppp.rajasthan.gov.in) on university website [www.sknau.ac.in](http://www.sknau.ac.in) or will be available in working days from 11-12-2024 to 19-12-2024 up to 10.30am. The tender will be accepted up to 19/12/2024 (11.00 a.m.) and will be opened on the same day at 11.30a.m. by the competent committee at College of Agriculture, Bhusawar, Bharatpur. Approximate purchase can be increased / decreased and F.O.R. at College of Agriculture, Bhusawar (weir) Bharatpur. The detail information regarding above mentioned tender is available at our office and website [www.sknau.ac.in](http://www.sknau.ac.in). The undersigned reserve the right to Reject/Accept tender without assigning any reason of thereof.

S.No	Particular	Quantity	Amount Rs	EMD @2%
1	Laboratory Instrument and accessories	As per required	487000/-	9740/-

S.No/COAB/Estt/2024/

Dated

DEAN

Copy to

1. PS To Hon'ble Vice Chancellor, SKNAU, Jobner
2. The Comptroller, SKNAU, Jobner to request for nominated member on dated 19/12/2024 for complete tender.
3. The treasurer, SKANU, Jobner
4. Incharge CIMCA, SKNAU, Jobner to upload tender for [www.sknau.ac.in](http://www.sknau.ac.in) and [sppp.rajasthan.gov.in](http://sppp.rajasthan.gov.in) portal.
5. Convenor, Tender Committee, COA, Bhusawar
6. Commissioner, Information and Public Relation Directorate Jaipur to send tender for publishing in local Newspaper Like Dainik Bhaskar/ Patrika/ Rastradoot in Bharatpur division in lowest rate.
7. Account section COA Bhusawar
8. All Notice Board/ COA/Tahsil office/Panchayat office Bhusawar
9. Gourd file

DEAN

Terms and condition for purchasing of items at College of Agriculture  
Important annexure/documents except financial bid should be kept in envelope 1 along with tender fee DD if not already paid to this office and earnest money DD.

- 1 Envelope 2 should contain only financial bid and it will be opened only when technical bid of the tenderer is passed
- 2 Submit a sealed envelope containing both envelope 1 and 2 to the office on or before 11:00 AM of 19.12.2024.
- 3 The Firm has to submit valid PAN and GST certificate (photocopy)
- 4 The firm must submit three years of turnover certified with CA. or GST Return
- 5 The firm must submit forfeit certificate
- 6 The firm must enclose Authorised Dealer/ OEM Certificate
- 7 The firm deposit 2 % Security or EMD Rs. 9740/- amount with tender documents and supply item within a 15-30 days at COA Bhusawar Bharatpur.
- 8 Free Installation and warranty of 3 yr of supply of instrument
- 9 The value of the work order against this tender will be maximum 4.87 lakhs. It will be increase and decrease as per budget.
- 10 The firm should enclose last two-year Instruments & satisfactory installation report.
- 11 Payment will be released after satisfactory installation and no advance payment will be made.
- 12 The undersigned reserve the right to Reject/Accept tender without assigning any reason of thereof.
- 13 The Rate should be quoted F.O.R College of Agriculture, Bhusawar (weir) Bharatpur
- 14 Tender for purchasing of items for College of Agriculture should be mentioned on the top of envelope and should be sent in sealed envelope addressing Dean, College of Agriculture, Bhusawar Dist. Bharatpur(Rajasthan).
- 15 No advance payment will be made to the tenderer and the money will be released only after satisfactory completion of work i.e. supply, installation and verification by purchaser.
- 16 The tenderer must put his signature and stamp on every paper of tender including terms and condition
- 17 The prices should be type written clearly in ink against each items. Cutting should be avoided as erroneous and overwriting are not permissible.
- 18 Any lapse in time may lead to action against the tenderer under RTPP 2012, RTPP 2013 and other rules laid down by Rajasthan Govt. from time to time and the penalty (L.D.) will be charged.
- 19 The material should adhere to the specification provided in G- Schedule.
- 20 The tender will be available from day of publishing to 11:00 AM of 11.12.2024 which can be submitted upto 11:00 AM on or before 19.12.2024 and the tender will be open at 11.30 AM on 19.12.2024. Incomplete tenders and tenders received late will not be entertained
- 21 Any other terms & conditions except cited above will be as per RTPP 2012, RTPP 2013, Rule no.68 of General Finance and Account, Raj. Govt. notification dated 19.11.2015 and other guidelines provided by state government from time to time
- 22 The firms from Rajasthan state and outside Rajasthan state which are not included in price preference status by General Finance and Audit rules of Rajasthan, while comparing the price quoted the Rajasthan sale tax/VAT will not be included and only central sale tax will be included. Which means the sale tax/VAT will not be included in price quoted by local firms while central sale tax will be included in price quoted by firms which are not in price preference status of Rajasthan Government. Liquidated damage (2.50 to 10 Percent) will be recovered as per Page 4 General finance and audit rules if the material is not supplied within time as per the following.
  - a) Lapse of one fourth period than the stipulated time - 2.50%
  - b) Lapse of one fourth periods but not half than the stipulated time - 5.00%
  - c) Lapse of half to three fourth period than the stipulated time - 7.50%
  - d) Lapse of more than three fourth period than the stipulated time - 10%
- 23 The tenderer will have to sign the "Fall clause"(Appendix J attached) stating that he will have to supply the material to other departments, corporations, boards, PSUs on the same minimum quoted

*Clary*

- rates as to the college till the contract expires.
- 24 The tenderer shall give an undertaking that his firm has not been black listed (Appendix I attached). If it is found otherwise then bid security, performance security will be seized and court case will be registered against him.
  - 25 Lowest price quoted will not qualify for selection of tender but quality and desired standards will also be considered.
  - 26 The product must be certified
  - 27 The rates quoted must be Freight on Receipt (FOR) at College of Agriculture, Bhusawar otherwise installation, cost of packing, forwarding, freight etc. and all other charges be given. No amount other than that is quoted in financial bid will be paid.
  - 28 All taxes and excise duty if any to be charged extra should be mentioned clearly
  - 29 Supporting documents shall be verified with originals during the of tender process. Supporting documents may also be sought as proof. Further, verifications of documents, claims, etc., may also be done by department any time even before/during or after finalization of tender bid/process
  - 30 The Bid Security amount of the successful bidder may be adjusted in performance security of the bidder
  - 31 Tender will be cancelled if the security deposit or tender fee is not submitted.
  - 32 Successful bidder will have to sign performance contract on Rs. 100 stamp paper & the expenses will be borne by him.
  - 33 Successful bidder will have to deposit performance security amount of @ 5 % of the order given to the bidder in the form of DD favoring Dean, College of Agriculture, Bhusawar. Page 5
  - 34 Dean, College of Agriculture, Bhusawar reserves the right to seize in part or whole amount of Performance security, Bid Security money if the tenderer violates the terms and conditions or fails to complete any provision.
  - 35 The guidelines for number/figure mistakes in financial bids: The tender committee will rectify the numerical mistakes as per the following rules.
    - a If there is mistake in multiplying unit price with quantity, the unit price will be considered and corrections will be made in grand total. If committee feels that there is mistake in decimal place of unit price then grand total will be considered & corrections will be made in unit price.
    - b If there is mistake in addition and subtraction of various units then unit prices will be considered and corrections will be made in total price.
    - c If there is mistake in figures and words then the words will be considered unless there is any mistake in writing the numbers. The figures will be considered as per a) & b) listed above.
  - 36 Any accident/ mishap during the execution of the job will be the responsibility of the agency concerned, which will get the necessary insurance done at their cost.
  - 37 The tender form should be filled as per given terms and conditions.

### **Specific Terms and Conditions**

#### **Generic Conditions: -**

- 1 Generic Without prejudice to Buyer's right to price adjustment by way of discount or any other right or remedy available to Buyer, Buyer may terminate the Contract or any part thereof by a written notice to the Seller, if:
  - i) The Seller fails to comply with any material term of the Contract.
  - ii) The Seller informs Buyer of its inability to deliver the Material(s) or any part thereof within the stipulated Delivery Period or such inability otherwise becomes apparent.
  - iii) The Seller fails to deliver the Material(s) or any part thereof within the stipulated Delivery Period and/or to replace/rectify any rejected or defective Material(s) promptly.
  - iv) The Seller makes a general assignment for the benefit of creditors.
  - v) A receiver is appointed for any substantial property owned by the Seller.
  - vi) The Seller has misrepresented to Buyer, acting on which misrepresentation Buyer has placed the Purchase Order on the Seller.
- 2 Rajasthan Transparency in Public Procurement Act, 2012 and Rajasthan Transparency in Public Procurement Rules, 2013 will apply as per Finance Department, Government of Rajasthan Orders.
- 3 Liquidation damages will be deducted as per GeM Portal regulations.

*(Handwritten signature)*

## Technical Bid

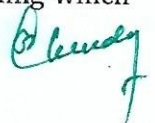
- 1 There will be no exception in EMD in the bid. The bidder must submit EMD.
  - 2 Installation, Commissioning and Testing of goods will be carried out completely by the supplier.
  - 3 Supplier submitted the installation report supply in the any Institution last 5 year.  
Supplier/OEM are submitted the customer care (Helpline Number) office and headquarter situated in all over India
  - 4 The supplied items are expected to have the manufacturer's logo and product details embossed/ printed on it.
  - 5 Department is competent to cancel the Tender without quoting any reason thereof.
  - 6 After the award of contract, the bidder is expected to execute the order before the ending of financial year 2024-2025.
- (i) Experience Criteria:- In respect of the filter applied for experience criteria, the Bidder should have regularly, manufactured and supplied Educational purpose equipment's to any Central / State Govt Organization / PSU / Government Undertaking Company for last 3 Financial years before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during at least two of the three Financial year. For fulfilling the experience criteria any one of the following documents may be considered as valid proof
- (a) Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
  - (b) Execution / Completion certificate by concerned buyer with order value
- (ii) The Bidder or should have executed a single order up to the value mentioned in the Bid, i.e 50% of the tender value for Products/ Educational purpose and tools in at least one of the last three financial years to any Central / State Govt Organization. For fulfilling the Past Experience criteria any one of the following documents may be considered as valid proof
- (a) Purchase Order copy along with Invoice(s) with self-certification by the bidder that supplies against the invoices have been executed.
  - (b) Execution / Completion certificate by concerned buyer with order value

**COMPLIANCE WITH THE CODE OF INTEGRITY :-** (to be submitted duly sealed and signed on Notarised Rs. 100/- Stamp Paper) 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 mislead 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 coercion 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.

## **INSURANCE**

- 1 The goods will be delivered at the destination godown in perfect condition. The supplier must insure the valuable goods against lost by theft destruction or damage by fire, flood under exposure to whether or otherwise viz. (war rebellion, riot etc.) The insurance charges will be borne by the supplier and state will not be required to pay such charges. The supplier is required to get the goods insured till 30 days after delivery.
- 2 It must be noted that normally all correspondence/reply to queries will be made only with the parties who has participated in the bidding process
- 3 Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, Additional terms and conditions and Corrigendum if any.
- 4 Buyer can ask to verify all the orders and received payment details which are submitted in the bid
- 5 Technical documents - The following documents must be attached with Technical Bid failing which



Bid is liable to be rejected :-

- a. Scanned copies of Bid Security EMD.
- b. Scanned copies of Bid document form along with Specific Terms & Conditions duly signed and sealed by the authorized signatory.
- c. G.S.T. registration certificate.
- d. Scanned copy of Power of attorney for authorized signatory to sign the tender document on Rs. 100/- Notary Stamp.
- e. Scanned copy of PAN card.
- f. The bidder is required to submit the proof of registration as follows :-

Type of Company/ Firm	Copy of Certificate required
Company (under Companies Act)	Valid Certificate of Incorporation
Proprietorship Firm	Shop & Establishment Certificate
Partnership Firm	Partnership registration certificate of registered deed of partnership
Limited Liability Partnership	Certificate of Incorporation

- a. All model and make to be mention otherwise bid will not be considered.
- b. Literature/Leaflets/Catalogue in original scan.
- c. Authorization Certificate of OEM sealed and signed on OEM Letterhead, providing details of OEM such as name, designation, address, e-mail ID and phone number are required to be furnished along with the bid, mentioning item name(s) for the authorisation has been given.
- d. 1 years Warranty/Guarantee Certificate on OEM/Bidder on 100/- Rs Notary stamp paper to be submitted with Tender Bid.
- e. The bidder or the OEM of the offered products must have valid Certification:
- f. ISO 9001:2015, ISO 45001:2018, ISO 37001:2016 certified company. A copy of valid certification should be enclosed with the bid. Certification up to bid validity.
- g. The bidder shall quote F.O.R. destination prices only including the Freight inclusive of unloading and stacking and insurance charges in BOQ. They will also indicate the prevailing rates of G.S.T (exclusive) in the quoted prices. If the BOQ is not filled completely, the offer is likely to be rejected.
- h. The Average Annual Turnover of the bidder for last three financial years (2021-22 to 2023-24) will be minimum equal to the estimated bid value i.e 400% as per BID. A certificate issued by the Chartered Accountant (Showing the Annual Turnover of last three years) with their Signature, registration No. & Seal must be submitted along with the bid.
- i. MANUFACTURER'S AUTHORIZATION (MAF):- I/We Name/Designation}... hereby declare/ certify that {Name/ Designation} ... is herby authorized to sign relevant documents on behalf of the company / firm in dealing with Tender, He/she is also authorized to attend meetings & submit technical & commercial information/ clarifications as may be required by you in the course of processing the Bid no -- and Items Name -- For the purpose of validation, his/her verified signatures are as under.
- j. SELF-DECLARATION NO BLACKLISTING 100/- Non-Judicial Stamp):-In response to the Tender/ BID:\_\_\_ for {Project Title}, as an Owner/ Partner/ Director of I/We hereby declare that presently our Company/ firm, at the time of bidding, is having unblemished record and is not declared ineligible for corrupt & fraudulent practices either indefinitely or for a particular period of to me by any State/ Central government/ PSU/UT. If this declaration is found to be incorrect them without prejudice to any other action that may be taken, my/ our security may be forfeited in full and out bid, to the extent accepted, may be cancelled.
- k. CERTIFICATE OF CONFORMITY/ NO DEVIATION {to be filled by the bidder on letterhead):- This is to certify that, the specifications of Hardware & Software which I/We have mentioned in the technical bid, and which I/We shall supply if I/We am/are awarded with the work, are in conformity with the minimum specifications of the tender/ bidding document and that there are no deviations of any kind from the requirement specifications. Also, I/We have thoroughly read the tender/bidding document and by signing this certificate, we hereby submit our token of acceptance to all the tender terms & conditions without deviations. I/We are also certified that the price I/We have quoted is inclusive of all the cost factors involved in the end-to-end implementation and execution of the project, to meet the desired Standards set out in the Tender/bidding Documents with contract person Telephone Number, Mobile Number, Email

*(Handwritten signature)*

Address

1. **UNDERTAKING ON AUTHENTICITY OF ALL ITEMS and ALLIED EQUIPMENTS** {to be filled by the bidder on letterhead}: -We hereby undertake that all the components/ parts/ assembly/ software used in the equipment shall be genuine, original and new components/ parts/ assembly/ software from respective OEMs of the products and that no refurbished/ duplicate/ second hand components/ parts/ software are being used or shall be used. In respect of licensed operating system, we undertake that the same shall be supplied along with the authorized license certificate with our name/ logo. Also, that it shall be sourced from the authorized source for use in India. In case, bidder is found not complying with above at the time of delivery or during installation, for the equipment already billed, the bidder agree to take back the equipment already supplied at the bidder's cost and return any amount paid to the bidder by the buyer in this regard and that the buyer will have the right to forfeit out EMD/ SD/ PSD/ for this bid or debar/ black list the bidder or take suitable action against the bidder.

m. Self declaration form as per Annexure A

5 All legal matter subject to jurisdiction Jaipur, Rajasthan.

6 NET WORTH: Net Worth of the OEM should be positive as per the last audited financial statement.

Note :-

1. All required documents irrespective of whether mentioned or not otherwise are expected to be submitted on the letter head of the bidder/ OEM, Failing in which may result in disqualification of bidder/ OEM from participating in the Bid.
2. Kindly read all the related terms and conditions carefully, not fulfilling ANY OF THE ABOVE criteria of the Bid will result in disqualification of the bidder from participating in the Bid.

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**DECLARATION BY TENDERERS**

We hereby declare that we are Bona-fide manufacturer/Authorized whole sellers/Sole distributors/Authorized Dealer Distributor/Sole Selling/Marketing Agent in the Goods/Store/equipment's/item for which we have tendered. If this declaration is found to be incorrect then without prejudice to any other action that may be taken, our security may be **forfeited** in full and the tender if any to the extent accepted may be cancelled.



**Signature of Tenderer with seal**

## DECLARATION BY TENDERERS

I/We hereby declare that we are not blacklisted by any Govt. Department/PSU/Company from last 3 years, wherever we have supplied placement work/service unit, for supplying substandard goods/services to these units. I/We also declare that I/We are not defaulter, insolvent in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons.

Signature of Tenderer with seal





**FALL CLAUSE CERTIFICATE**

This is to certify that we have offered the maximum possible discount to you in our Quotation No. \_\_\_\_\_ dated \_\_\_\_\_

The prices charged for the stores supplied under Rate Contract should under no event be higher than lowest prices at which the party sells the items of identical description to any other Govt. Organization/ PSU's/ Central Govt./State Govt. Autonomous bodies/Central/State Universities/Central/State Educational Institutions during the period of contract failing which the "FALL CLAUSE" will be applicable. In case, if the price charged by our firm is more, purchasing will have the right to recover the excess charged amount from the subsequent/unpaid bill of the supplier.



Seal and Signature of the Tenderer

[See rule 83]

Memorandum of Appeal under the Rajasthan Transparency in  
Public Procurement Act, 2012

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

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

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 (enclose copy), 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 documents enclosed with the appeal:

6. Grounds of appeal:

.....  
.....  
.....  
..... (Supported by an affidavit)

7. Prayer:

.....  
.....  
.....

Place .....

Date .....

Appellant's Signature



**Annual Turnover**

Certificate We hereby declare that the annual turnover of our firm is as under.

S.No.	Financial Year	Turnover ( In Lakh)
1	2021-2022	
2	2022-2023	
3	2023-2024	
	Total Turn Over	
	Avg. Turn Over	

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Signature of Tenderer with seal

Verified by C.A. with UDIN



Affidavit  
(on non-judicial stamp paper of 100/-)

I..... S/o ..... Aged..... yrs, residing at  
..... Proprietor/Partner/Director of M/s ..... do hereby  
solemnly affirm and declare that

(a) My/our above noted enterprise M/s ..... has been issued acknowledgement  
of Entrepreneurial Memorandum Part-II by the District Industries Center.....  
The acknowledgment No. is ..... Dated ..... and has been issued  
for manufacture of following items:

- (i)
- (ii)
- (iii)
- (iv)
- (v)
- (vi)

(b) My/our above noted acknowledgement of Entrepreneurial Memorandum Part-II  
has not been cancelled or withdrawn by the Industries Department and that the  
enterprise is regularly manufacturing the above items.

(c) My/our enterprise is having all the requisite plant and machinery and is fully  
equipped to manufacture the above noted items.

Signature of proprietor /Director  
Authorized Signatory with Rubber  
Stamp and date

Verification

I..... S/o ..... Aged ..... yrs residing at .....  
Proprietor / Partner/ Director of M/s ..... verify and confirm that the contents at  
(a), (b) and (c) above are true and correct to the best of my knowledge and nothing has  
been concealed there in. So, help me God.

Deponent



# COLLEGE OF AGRICULTURE

G-Schedule

(S.K.N. Agriculture University-Jobner)

Bhusawar: Bharatpur (Rajasthan)



## Technical Specification G Schedule

S.No.	Particulars /Items	Qty	Specification
1	pH Meter	1	<p>Temp. Microprocessor based Meter</p> <p>Automatic Temperature Compensation (ATC) for good accuracy under fluctuating temp.</p> <p>Easy to read large custom LCD</p> <p>Easy and Quick Push Button calibration</p> <p>5-7 memorized buffer for calibration</p> <p>Message on the LCD to make the calibration easy and accurate</p> <p>User selected calibration time out to remind when a new calibration is necessary</p> <p>Stability indicator prompt whenever reading stabilize</p> <p>Should provide calibration certificate</p> <p>Moreover it offers an extend temperature range from -20°C to 120°C using the MA 831 Rinterchangeable temperature probe</p> <p>pH range -2 to 20.0 pH</p> <p>Temp. from -20°C to 120°C using</p> <p>Resolution :0.1, 0.01, 0.001 pH</p> <p>Temperature resolution 0.1 °C, 0.1 °F, 0.1 K</p> <p>pH accuracy-±0.1, ±0.01, ±0.002, ±1 LSD</p> <p>Temp. accuracy ±0.2, ±0.4 F, ±0.2 K</p> <p>pH Typical EMC Deviation ±0.2 pH</p> <p>pH calibration automatically with five point eight standard buffer calibration 1.68, 3.0, 4.01, 6.86, 7.01, 9.18, 10.1, 12.45 and five point buffer slope calibration from 80-108 %</p> <p>pH electrode include, Temp. electrode Included</p> <p>Environment-0-50 °C /32 to 122 F, Max RH 95%</p> <p>Input Channel 1-pH /ORP</p> <p>pH Electrode glass body pH electrode with BNC connector and 1m (3.3') cable included</p> <p>Temp. Probe- stainless steel temp. probe with 1m (3.3') cable included</p> <p>Logging type automatic, manual, auto hold.</p> <p>Logging memories record</p> <p>Logging interval settable between 1 sec. and 180 max log time, connectivity USB, GLP calibration data included date time buffers offset and slope.</p> <p>Display colour graphics LCD with on screen help</p> <p>Power supply- 230V to 12 VDC adaptor included</p> <p>Dimension 160x231x94 mm</p> <p>Ordering information- it should have pH electrode, temp. Electrode, electrode holder, pH buffer 4.01, 7.01 buffer solution sachet. electrode cleaning solution 5M KCl electrolyte solution 30ml 12 V adaptor and user manual.</p>
2	EC Meter	1	<p>Modes Conductivity/TDS, Temperature</p> <p>Conductivity Range-0-20, 200, 2000 μ Om/cm (5 auto range)</p> <p>Conductivity resolution- 0.01, 0.1, 1.0</p> <p>Conductivity accuracy- ±0.5 % F.S.</p> <p>Calibration Points-upto 3 points</p> <p>Calibration Solution- 10 μS/cm, 84 μS/cm, 1413 μS/cm, 12.88 mS/cm, 111.8 if any three.</p> <p>TDS range 0-10ppt (max 200ppt depending on factor setting &amp; cond. Range.), TDS Accuracy +1% F.S. TDS Factor -0.1 to 1.0 defaults 0.5)</p> <p>Temp. Range- 0-105°C (32 to 221 °F), Temp. Resolution-0.1 °C (0.1°F)</p> <p>Temp. accuracy ±0.5 °C (±0.9°F), Temp. Compensation-0-100°C automatic,</p>



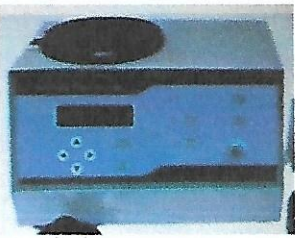


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			<p>Cell Constant option-K=0.1,1,10., Normalization Temp. 25°C  Memory- upto 100 reading., Reset Function-yes.,Interface-USB  Connector- 6pin mini plug., Operating Temp. -10-40 °C , RH-&lt;80 %  Display- LCD with white and black light. Display Size- 25x100 mm  Power Req.-adopter 220 V /50-60Hz  Packing Dimention- LxWxH- 300x245x185 mm  Net Weight- 0.65kg/1.8 kg</p>
3	Flame Photometer	1	<p>Microcontroller controlled automation for ease of operation.  * Determination up-to five elements with single aspiration (Na, K, Li, Ca &amp; Ba).  * Unit of measurement "ppm" and "meq/l"  * Suitable for medical and industrial analysis  * Calibration standard up-to five point.  * Auto Ignition * Gas leak sensor  * Auto Gas cut-off * Password protection  * Separate login for Administrator and Guest  * Data processing with linear mode or quadratic curve fitting  * Results of a measurement taken earlier can be recalled and displayed (Max. interfaces.  * Built-in real time clock for date and time.  * Centro nix printer port for Epson compatible Dot Matrix / Inkjet printers to get hard copy of results (printer optional).  * Air compressor with built-in air regulator and air filter  * Pc-link software ( optional)</p>
4	Orbital Shaker	1	<p>4" Large LCD display  Universal Platform with rounded corners to accommodate interchangeable clamps of assorted sizes  Brushless induction motor with VFD speed control  Elegant Plastic front  Variable speed 20 -300 RPM  Shaking amplitude 40 mm  Auto start after power resumption</p>
5	Water Bath (Thermostatic)	1	<p>Tank :High grade SS tank  Capacity : 5 to 8 litres  Temperature range : Ambient to 99° C Temperature accuracy: ± 0.2° C  Temperature control : Digital PID control  Timer : 0.1 Hour to 99.9 Hours  &amp; continuous Safety protection : User settable and fixed thermal cut-out  Display : Digital display of temperature  Alarm : Low level water alarm, safety shut down audible/visual alarm  Operating voltage : 230 ±10VAC, 50 Hz.  Tank design for easy cleaning and draining  Steel holder for tubes (1.5/2 ml, 5ml, 15 ml) and Flasks (50, 100 &amp; 250 ml)  Comprehensive warranty for two years  After Sale, Service should be available promptly.</p>
6	Electronic balance	2	<p>Capacity: 600 gm  Resolution : 0.001gm  Pan Size:120 mm Diameter  Power : AC Adopter and Dry Batteries  Measuring unit: g,mg,kg, lb, ti,dwt,oz, pcs  Display : LCD</p>
7	Hot air oven	1	<p>Capacity 250 Litre. Temp range: +5°C to 200°C.  Control accuracy: ±0.5°C. Size 18"x18"x18"  Uniformity: ± 2.0 at 100.0°C Minimum 3 No. of Shelves with height adjustable in 25mm steps. Glass window in-built into the door for easy viewing of samples. Automatic cut off of heater &amp; blower when door opened. Digital PID temperature controller with timer, alarms and auto tuning. Aero dynamic internal design for achieving horizontal air circulation. Solid and plain bottom without electrical. Outer body made of G.I Epoxy Coated• Inner body made of Stainless steel with clear</p>

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			bottom • CE certified. • Warranty period (minimum 1 year) to be mentioned.
	Incubator	1	<p>Temperature range 5 deg. C above ambient to 70 deg. C Sensitivity <math>\pm 0.5</math> deg. C (in Bare Incubator) Double walled, inside chamber made of Aluminium anodized or steel, outside chamber made of mild steel Double glass view door Adjustable wire mesh nichol trays/aluminium shelves Rocker switch with indicator Capacity : 27 ltr. To 43 ltr. Size 14x14x14 Air circulating fan (Optional) Digital indicator cum controller PID based (Optional) Timer - Mechanical/Digital (Optional) 220/230 volts A.C. 50 Hz.</p>
9	Burette stand and burette With clamp 	30	<p>Even the Metallic Rod has a Polypropylene Covering Making it Non-Corrosive. These Non-Corrosive, Moulded Retort Stands Provide Excellent Replacement for the Metal Ones. The Rod Measuring 12.5x750mm can be Screwed into the Heavy Base Giving Way to a Perfectly Stable Retort Stand. Size 225x150mm, material- polystyrene and polypropylene with clamp and burette. Sample</p>
10	Brash Sieve (Seven Stage) 	1set (7pc)	<p>SET OF 7 PCS. - Set Contains 4.75 mm, 2.36 mm, 1.18 mm, 600 Microns, 300 Microns, 150 Microns and Lid &amp; Receiver Set JOINTLESS BRASS FRAME - The frame is made out of spun brass and without any joint in it with Stainless Steel mesh for long life of the product. UNIFORM FABRICATION - Uniform fabrication allows smooth-nesting on each other. VERSATILITY - Usage in various places including agriculture, biology, chemistry / plastics, construction materials, engineering / electronics, environment / recycling, food, geology / metallurgy, glass / ceramics, medicine / pharmaceuticals, foodstuff industries, concrete industries, etc. MADE IN INDIA - Our Test Sieves have been completely designed, fabricated, assembled &amp; strictly quality checked in India. Certified by IS 460</p>
11	Churner/ mixing /stirrer 	1	<p>High speed stirrer with baffle, glass &amp; speed control regulator. 220V, 1 PH, AC Cup Volume capacity - 1 Lt Power 220-240 Volts 50/60Hz, IS: 2720 Power 300 watt/(1/3 HP) Speed-3 speed 10.000,14.000, and 17.000 rpm Dimension 165x171x520 mm. weight 6.4 kg Use for Soil Texture analysis dispersing soil suspensions used in hydrometer method of testing subgrade soils, heavy-duty mixer operates at a speed above 10,000 RPM (no load). Includes stirring apparatus with stainless steel paddle and chrome-plated dispersion cup with set of permanent interior baffle. Rounded cup bottom prevents soil accumulation. Furnished with cord and plug</p>
12	Microwave Oven	1	<p>Type: Convection Capacity:30L Color: Black Cavity: Stainless steel cavity Power level :5 Control : Digital Warranty :1 Year Comprehensive &amp; 4 Years additional on Magnetron Air Fryer option, Motorized Rotisserie, 305 Auto cook Menus, 95' cooking timer, Deodorize/Steam Clean, Child safety, lock Defrost by weight or time, Stainless steel cavity, Multi stage cooking, Pre- heat function, Speedy cooking &amp; Multi power level (5)</p>

*C. C. C.*

	<p>Moisture Box (aluminum)</p> 	50	Aluminum moisture box is made of aluminum sheet with tight lid to retain moisture. It is available in size 7-9 cm diameter x 4-6cm height. Flat-bottom, Seamless aluminum, Tight fitting cover
14	<p>Centrifuge</p> 	1	<p>Size: 8x15 ml  Digital Speed Indicator  Stepless speed regulator  0-99 inutes digital countdown timer  Imbalance detector with cut off  Safety Lid interlock to prevent cover opening during centrifugation  Press Switch for quick acceleration to full speed  RPM-5250  Supply 220-240 Volts 50 Hz single phase  Size of outer body WxDxH-365x415x350 mm</p>
15	<p>Automatic Seed/ Grain Counter</p> 	1	<p><b>Capacity</b> Counts maximum up to 999999 seeds in a lo. <b>Range</b>0.3mm to 15mm. <b>Memory</b> To store settings of 99 commodity parameters which include seed size, seed name, lot no fast and slow vibration strength and counts. <b>Controller</b> Micro Controller based. <b>Keypad</b> Membrane type <b>Display</b>16x2 line LCD display with backlit. Seed name, size, count and vibration strength displayed on LCD while counting <b>Feeding</b> Electromagnetic vibratory feed <b>Removable pan</b> Knob provided for removing pan easily. Separate pan for seed size below 1mm <b>Speed control</b> Soft Touch speed control no knob required <b>In flight error</b> Programmable stop to compensate in flight error <b>Pan</b> Metallic pan of volume-200cc <b>Interface</b> RS 232 and parallel port interface for attaching computer and printer <b>Additional pan</b> Additional pan for seed size 0.3 to 0.4mm (optional)</p>
16	<p>Augur</p> 	5	<p>Soil Augers sample most soil types, feature an open bit design, and are available in 3in (76mm) and 4in (102mm) diameters  The soil augers, along with extensions, cross handles, and quick-connect pins, are available with either carbon-steel or stainless-steel construction. Auger heads with hex fittings attach easily to the extensions and cross handles using quick-connect pins</p>
17	<p>Moisture meter</p> 	3	<p>Sample size : 250 CC approx ( 150 grams )  Display : 3 1/2 Liquid Crystal Display (LCD)  Accuracy: 0.2%  Sample Size : 250 CC ( 150 gram )  Power Consumption : 0.03 watts approx  Size: 125H X 150W X 210D mms  Measurement time: one sample per minute  Application: % Moisture measurement in Wheat Paddy, Rice, Mustard, Moong, Urd, Bajara and Maize only</p>

*Q. Lacey*



# College of Agriculture, Bhusawar

## Supply of Laboratory Instruments

### Technical specification

S.No	Items	Specification	Make/Model of item/ goods offered	Proof (submitted at page No.)
1	pH Meter	As per specification given		
2	EC Meter	As per specification given		
3	Flame Photometer	As per specification given		
4	Orbital Shaker	As per specification given		
5	Water Bath (Thermostatic)	As per specification given		
6	Electronic balance	As per specification given		
7	Hot air oven	As per specification given		
8	Incubator	As per specification given		
9	Burette stand and burette With clamp	As per specification given		
10	Brush Sieve (Seven Stage)	As per specification given		
11	Churner/ mixing	As per specification given		
12	Microwave Oven	As per specification given		
13	Moisture Box (aluminum)	As per specification given		
14	Centrifuge	As per specification given		
15	Automatic Seed/ Grain Counter	As per specification given		
16	Augur	As per specification given		
17	Moisture meter	As per specification given		



**Signature of Tenderer with seal**

**Declaration by the Bidder regarding Qualification**

In relation to my/our Bid submitted to ..... for procurement of ..... in response to their Notice Inviting Bid No. .... Dated..... 1. 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 Bidding 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 specified in the bidding document;
3. I/We are not insolvent in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings 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 conduct or the making of false statements 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 proceedings;
5. I/We do not have a conflict of interest as specified in the Act, Rules and Bidding Document, which materially affects fair competition;

Date:

Place:

Name:

Designation:

Signature of Bidder

