



श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय
जोबनेर 303329, जिला जयपुर (राजस्थान)
फोन नं. 01425-254988(का.)
e-mail Id : comptroller@sknau.ac.in

वित्त नियंत्रक

क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/1883

दिनांक : 10/06/2025

BIDDING DOCUMENT

Contract for Supply & Installation of various laboratory equipment's & AC for the financial Year 2025-2026

UBN No.:

Dated :

Mode of Bid Submission	Online through eProcurement system at https://eproc.rajasthan.gov.in
Procuring Authority	THE COMPTROLLER, SKNAU, JOBNER-303329
Last Date & Time of Submission of Bid	30.06.2025 11.00 AM
Date & Time of Opening of Technical Bid	01.07.2025 11.30 AM

Bidding Document Fee:

Rs 2500 (Rupees Two Thousand five hundred only)

SRI KARAN NARENDRA AGRICULTURE UNIVERSITY, JOBNER
JAIPUR-303329

Bidding Document for Supply & Installation of various laboratory Equipments & AC (e-Tender)

(Procurement of Goods: Single Stage-Two Envelopes (Two Part) Bid)

Table of Contents

S. No.	Section	Description
1.	NIL	Bid Submission Letter
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4.	I	Instructions to Bidders (ITB)
5.	II	Bid Data Sheet (BDS)
6.	III	Evaluation and Qualification Criteria
7.	IV	Bidding Forms (B F)
8.	V	Schedule of Supply
9.	VI A	General Conditions of Contract (GCC)
10.	VI B	Special Conditions of Contract (SCC)
11.	VIC	Contract Forms (CF)



(To be submitted on letter head of Firm)

Bid Submission Letter

(Declaration Form-Cum -Check List)

To
The Comptroller, SKNAU,
Jobner-303329
Mob. : 01425254988

Email: comptroller@sknau.ac.in

Subject: - Regarding Bid submission for NIB No.....

Dated.....

I/We..... (Name, Designation and Address of Bidder)..... having our office at..... (Address of Firm)..... do declare that I/We have read all the Terms & Conditions of the bid document floated by the the Comptroller, SKNAU, Jobner-303329 for the tender of **Supply & Installation of various laboratory equipment's & AC** and agree to abide by all the Terms & Conditions set forth therein.

I/We declare that we are participating in this bid in the capacity of.....(Manufacturer /Direct Importer/Distributor/Authorized Dealers I/We enclose valid Manufacturing license/acknowledgement/ Memorandum/IEM/ Registration of SSI Unit/Import license/ IES code along with authorization by foreign principals (as the case may be).

I/We further declare that the rate contract offered by us shall remain valid for the period of 12 months and shall reduce the rates, if the rates are reduced by us for any other buyer during this period. I/We enclose the following documents as per details given below: -

S. No	Item	Particular
1.	Bid security GCC 3 (Through Bankers cheque/DD)	Page no
2.	Technical Bid Submission Sheet (BF-I)	Page no
3.	Acknowledgement of EM-II for SSI Units of Rajasthan from Industries Deptt. Con. No. 2.6(ii) & GCC 3(iii) (BF-VIII)	Page no
4.	Self-attested Photocopy of Acknowledgement of EM-II SSI unit for each quoted Product and a certificate from NSIC/MSME/Industries Deptt. for the production capacity & the quality control measures properly installed at the production unit. GCC 2.6 (ii) (BF- VIII)	Page no
5.	Self-attested Photocopy of IEC Certificate and Permission/Authorisation for sale from the foreign principal manufacturer (Authorization Letter of Principal Company) GCC 2.6 (iv) /Principal manufacture GCC 2.6 (V)	Page no
6.	Copy Of Central Excise Registration GCC 2.6 (iii), if applicable.	Page no
7.	BIS License with schedule for BIS Marked Products Quoted GCC 2.6 (vi)	Page no
8.	Self- attested photocopy of ISO & BIS certificate for quoted Items as mentioned in bid GCC 2.6 (vii & viii)	Page no
9.	Average Annual turnover statement for past 3 years certified by C.A. GCC 2.6 (ix) (BF-V)	Page no
10.	Latest GST Clearance Certificate (Preferably up to dated 31.03.2024). GCC 2.6 (xi)	Page no
11.	Specify point of supply with full Address. GCC 2.6 (xii)	Full Address..... -----

12.	Certificate regarding quoted model is of latest technology, Certificate regarding rate reasonability, undertaking for availability of Spare Parts & Consumables, Undertaking of Non- Debarring GCC 2.6 (xiii) (BF-IV)	Page no
13.	Original bid GCC & SCC (Section VI A& VI B) or BF-III uploaded on e-procurement portal	Page no
14.	Statement of Past Supplies and Performance under SCC 11 (BF-VI)	Page no
15.	Stamp receipt under GCC 3 (ii) (BF-VII)	Page no
16.	Rates in BOQ (BF-III) are electronically uploaded on website https://eproc.rajasthan.gov.in	Don't write rates in format
17.	Declaration regarding acceptance of bid terms and conditions. Format of the Affidavit on non-judicial stamp paper of Rs. 100/- (BF-IX)	Page no
18.	Memorandum of Appeal Under the Rajasthan Transparency in Public Procurement Act, 2012 (BF-X)	Page no
19.	Declaration by the Bidder Regarding Qualifications (BF-XI) uploaded on website https://eproc.rajasthan.gov.in	Page no
20.	Declaration of Manufacturer/Direct Importer/Distributor/Authorized dealer (BF-XII)	Page no
21.	Authorization from foreign principal manufacturer (BF-XIII) (Applicable in case of direct importer only)	Page no
22.	Authorization of the Bidder by the Firm (BF-XIV)	Page no
23.	Corrigendum/modification/clarification to be submitted with biddocument	Page no
24.	Financial Bid Submission Sheet (BF-II)	Page no
25.	Affidavit under price fall clause of Contract on firms letter head. CF-IV	Page No.....
26.	Name, photograph & specimen signature of the Bidder or designated officer/ person who is authorized by the Firm to bid and make correspondence with The Comptroller, SKNAU, Jobner-303329 Also attach photo ID.	Name Signature..... Full Address..... .. Mobile No:..... e-mail address:

Date

Name and Signature of Bidder with seal

Note: Please mention page number and sign before submitting the bid.



TECHNICAL BID DOCUMENTS:

S.No.	Particular	List of Documents (To be filled by bidder)	Reference Page No. (To be filled by bidder)
	Fee Details		
1.	Technical Bid Cover letter, Bidding document Fee (Tender Fee), RISL Processing Fee (e-Procurement), Bid Security/Process Fee	Instrument/ Proof of submission (FEE.PDF) • Scanned copy of Fee Receipt/DD/Banker Cheque Along with Annexure-1 (Technical Bid cover letter)	
Eligibility Documents (As per Clause no. 3.1. Pre-Qualification Criteria)			
2.	Bidder's Authorisation Certificate	a. As per Annexure-2 b. copy of PoA/ Board resolution stating that Auth. Signatory (DSC holder) can sign the bid/ contract on behalf of the firm. (AUTH.PDF)	
3.	Certificate of Conformity/ Deviation	As per Annexure-11 (PDF)	
4.	Legal Entity	a. Copy of valid Registration Certificates or Copy of Certificates of incorporation b. Copy of Certificate of Name Change (If any)	
5.	Compliance to Land Border Policy	Copy of undertaking as per Annexure-05. Or Copy of Registration with the Industries Department of the Government of Rajasthan	
6.	Financial Turnover & Net-worth	CA Certificate with CA's Registration Number/ Seal and UDIN (As per Annexure-6)	
7.	Technical Capability	1- Copy of Work order and payment proof 2- Client certificate (As per Annexure-4)	
8.	Tax registration	a. Income Tax / PAN number b. GSTN (Copy of relevant certificates of registration)	
9.	Mandatory Undertaking	A Self Certified letter as per Annexure-3: Self-Declaration	
10.	Others (if any)	Other Documents which are left above as per the RFP. Exa. Proposal of any additional item as per RFP scope if required.	

Date

Name and Signature of Bidder with seal

Note: Please mention page number and sign before submitting the bid.





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क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/

दिनांक :

NIB for Publication in Newspaper

Bids are invited up to 11.00 A.M. of 30.06.2025 for Supply & Installation of various laboratory equipment's & AC. The details are available in the Bidding Documents which can be availed from the office of The Comptroller, SKNAU, Jobner-303329 or can be accessed or downloaded from State Procurement Portal website "sppp.rajasthan.gov.in" or "<https://eproc.rajasthan.gov.in>" or website "www.sknau.ac.in". The bidding document after filling up properly can be uploaded on website "<https://eproc.rajasthan.gov.in>" along with payment of Rs. 2500/- (Rs. 1250/- for SSI Units of Rajasthan) through banker's cheque/demand draft in favour of The Comptroller, SKNAU, Jobner-303329.

UBN.....


10/06/25
Comptroller



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दिनांक :

NOTICE INVITING BID (NIB)

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Comptroller

Copy to following for information:

1. Convener/Members/Accounts Section/DDO
2. O/I CIMCA, SKNAU, Jobner for uploading to University Website-www.sknau.ac.in and www.sppp.rajasthan.gov.in.
3. Guard File


Comptroller



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दिनांक :

NOTICE INVITING BID (NIB)

1. Detailed particulars of the list of goods viz., equipment required, specifications of various laboratory equipment's & AC etc & bid documents are available on the website- "www.dipronline.org" or www.sknau.ac.in or <https://eproc.rajasthan.gov.in> or sppp.raj.nic.in or may be seen in The Comptroller, SKNAU, Jobner-303329.

2. E-Bids are invited as per following time schedule:-

Description of Bid document	Floating of bid date/ document download / sale start	Pre - bid meeting date & time	Bid submission start date & time	Bid submission end date & time	Last date & time for physical receipt of bid document	Tender opening date & time
Supply & Installation of various laboratory equipment's & AC	1	2	3	4	5	6
	10.06.25 02:00 PM	13.06.25 11:30 AM	14.06.25 02:00 PM	30.06.25 11:00 AM	30.06.25 02.00 PM	01.07.25 11:30 AM

A pre-bid meeting will be held as per above schedule i.e., on Dated 13.06.2025 at 11:30 AM in the Office of the Comptroller, SKNAU, Jobner-303329. to clarify and answer the queries on any other matter related to this bid. It is made clear that any representation/complaint/suggestions by bidder/prospective bidder with regard to technical specifications or conditions of bid document shall be dealt with only when such representations/complaints are given during pre-bid meeting on the same date up to 5.00 PM. Representation/complaint/suggestions received after this time frame shall not be entertained and shall summarily be rejected. After pre-bid meeting, necessary changes in bid conditions/catalogue, if considered appropriate, will be made.

3. If any amendment/clarification is carried out in the technical specifications and bid terms & conditions following pre-bid meeting or any other information, the same will also be uploaded on the SKNAU, Jobner website www.sknau.ac.in or sppp.raj.nic.in or and <https://eproc.rajasthan.gov.in> and will not be published in any newspapers. It will not be intimated to individual bidder.

The bid should be submitted through e-portal, after pre-bid meeting, including all the clarifications/modifications/amendments agreed & issued by the Comptroller, SKNAU, Jobner-303329. The bid shall only be submitted through e-procurement portal <https://eproc.rajasthan.gov.in> of Govt. of Rajasthan. Bids shall not be accepted in physical form in any condition.

4. Bids received after the specified time and date shall not be accepted. The corrigendum issued by the Comptroller, **SKNAU, Jobner-303329**, shall be the integral part of terms & conditions
5. of the bid and should be duly signed and attached with the bid document by the bidder.
6. The bid is for purchase of goods viz., various laboratory equipment's & AC etc
7. Price preference and/or purchase preference as per provisions of Government of Rajasthan shall be admissible in evaluation and award of contract.
8. Detailed particulars of the list of goods viz., various laboratory equipment's & AC required, bid documents & specifications of goods viz., various laboratory equipment's may be seen on the website- "sppp.rajasthan.gov.in" or <https://eproc.rajasthan.gov.in> or "www.dipronline.org" or "www.sknau.ac.in"

The total amount of this e-procurement is Rs. 7.53 Cr. (Total amount for Category A- 4.75 Cr., Total amount for Category B- 1.26 Cr., Total amount for Category C- 0.48 Cr and Total amount for Category D- 1.04 Cr.) The Bid form fee Rs. 2,500.00 (Rs.1250.00 for SSI Units of Rajasthan) downloaded from the website and bid security Rs. 950000/- for category-A, Rs. 252000 category-B, Rs.96000 for Category-C and Rs. 208000/- for Category-D shall be deposited in the form of D.D./Banker's cheque in favour of The Comptroller SKNAU, Jobner payable at Jobner. The bidders are also required to deposit R.I.S.L. processing fee of Rs. 2500.00 in the form of D.D./Banker cheque in favour of M.D., RISL payable at Jaipur. The bid document fee, R.I.S.L. processing fee and bid security shall be deposited physically along with technical bid submission sheet in the office of the Comptroller, **SKNAU, Jobner-303329**, before the last date and time of bid submission. The bidder shall upload scanned copy of all the D.D./Banker's cheque (bid document fee, R.I.S.L. processing fee and bid security as applicable) in Technical Bid (Cover-A),

The technical bids shall be opened at **11.30 AM on dated 01.07.2025 at the office of the Comptroller, SKNAU, Jobner-303329**, or as amended in the presence of the bidders or their representatives, who wish to be present.

9. The undersigned is not bound to accept the lowest bid and may reject any or all bids without assigning any reason there for.
10. The bidders shall have to submit a valid 'GST' clearance certificate/affidavit from the concerned Commercial Taxes Officer and the 'PAN' issued by Income Tax Department.
11. It is clarified that the information required in bidding document should be submitted only in enclosed format Bidding Form (BF-I to BF-XV) without any change or modification in its formats. Bids submitted with changed or modified annexure/formats may be rejected.
12. Information of award of contract shall be communicated to all participating bidders on the website www.sknau.ac.in and sppp.raj.nic.in Please note that individual bidder will not be intimated.
13. The bidding process shall be subject to the provisions of the Rajasthan Transparency in Public Procurement Act 2012 and Rules 2013 made there under.
14. Rajasthan Transparency in Public Procurement Act, 2012 also provides redresses of grievances or complaints of bidder/prospective bidder, against any decision, action or omission of the procuring entity through mechanism of appeals under section 38 of the Act. Therefore, such complaints/grievances shall be entertained only through this mechanism.
15. It is also clarified that interference with procurement process and vexatious appeals and complaints shall be dealt with as per section 42 & 43 of RTPP Act, respectively.


COMPTROLLER



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दिनांक :

TABLE-1

Various Laboratory Equipment's & AC (NIB)

Category-A

S.N.	Name of laboratory equipment's	Approx. qty.
1.	Acid Dispenser	10
2.	Automatic Seed/Grain counter	3
3.	Bacteriological incubator	8
4.	Ball Mill	2
5.	Balance (Digital Electronic Analytical Balance)	4
6.	Balance (Electronic weighing Balance)	12
7.	Balance (Pan Balance 1 kg)	13
8.	Balance (Pan Balance 10 kg)	5
9.	Balance (Semi Micro Balance)	4
10.	Balance (Spring Balance 10 kg)	8
11.	Balance (Spring Balance 50 kg)	6
12.	Balance (Top pan Balance 1 kg)	8
13.	Balance (Top pan Balance 2 kg)	8
14.	Balance (Weighing Balance 150 kg)	9
15.	Bee Keeping Equipment	11
16.	BOD Incubator	6
17.	Box type solar cooker	2
18.	Brix meter	10
19.	Buket auger	18
20.	Centrifuge	5
21.	Centrifuge (Hand & Electric Centrifuge)	3
22.	Chlorophyll Meter/SPAD meter	9
23.	Concentrating type solar cooker (Parabolic trough type)	2
24.	Deep freezer Laboratory	8
25.	Dietary fiber analysis system	6
26.	Digital fruit penetrometer	10
27.	Digital Lux meter	6
28.	Digital pH Meter (Portable)	7
29.	Digital refracto meter	11
30.	Digital vernier caliper	7
31.	Double distillation unit	6
32.	Double ring infiltrometer	7
33.	Dusters	9

34.	EC Meter	13
35.	Electrophoresis Apparatus	2
36.	Flame Photometer	5
37.	Foot Sprayers	7
38.	Gel Documentation System	4
39.	Grafting and budding knife	205
40.	Hot Air Oven	11
41.	Hot Plate	7
42.	Hydraulic conductivity meter	6
43.	Insect collection box	190
44.	Insect Collection Nets (Hand nets)	227
45.	Insect killing bottle	135
46.	Insect Stretching Board	72
47.	Knapsack sprayer	17
48.	Laminar air flow bench Horizontal size	7
49.	Leaf area meter	6
50.	Light traps	19
51.	Loopers	17
52.	Magnetic stirrers	11
53.	Micro Kjeldahl N Digestion & Distillation Apparatus	6
54.	Micropipettes	23
55.	Microscope (Binocular slide Microscope With Dual Light Stand and photographic camera)	8
56.	Microscope (Binocular slide Microscope)	22
57.	Microscope (Compound microscope with photographic attachment)	2
58.	Microscope (Compound student Microscope)	50
59.	Microscope (Dissecting Microscope)	17
60.	Microscope (Stereo Zoom Binocular Microscope With Dual Light Stand With camera)	6
61.	Microscope (Stereo Zoom Binocular Microscope With Dual Light Stand)	20
62.	Microscope (Stereo zoom trinocular Microscope)	1
63.	Microscope (Stereoscopic microscope with photographic attachment)	6
64.	Moisture box	180
65.	Moisture meter (Electronic)	15
66.	Moisture meter (Hand)	2
67.	Nano Drop	2
68.	Ocular and stage micrometer	21
69.	Oostenbrink elutriator	3
70.	pH meter	12
71.	Places Rotor for Spin win	1
72.	Sample Processing Board/Plant Press	33
73.	Seed analysis kit	3
74.	Seed cum Fertilizer Drill	3
75.	Seed germinator	6



76.	Shaker (Rotary)	8
77.	Sieves	5
78.	Soil & Plant Sample grinder Machine	8
79.	Soil auger	14
80.	Soil saturation paste extraction assembly (6 place) with all accessories	3
81.	Soxhlet Unit for fat/Oil estimation	5
82.	SPINWIN microcentrifuge	2
83.	Spectrophotometer (Double Beam Spectrophotometer)	9
84.	Spectrophotometer (Single Beam UV VIS Spectrophotometer)	2
85.	Spectrophotometer (Visible Spectrophotometer)	2
86.	Spectrophotometer Cuvette	17
87.	Strip cup for Mastitis	5
88.	Thermometer	12
89.	Vertical Autoclave	6
90.	Water Bath	12

Category-B

1.	Animal Ear Tag Applicator	4
2.	Animal Tattooing Machine	4
3.	Artificial Vagina Set	4
4.	Atterberg's limits apparatus	6
5.	Automatic Digestion & Distillation unit for Protein Estimation	1
6.	Automatic Fat Estimation Apparatus	1
7.	Basket Centrifuge	1
8.	Block Digestion System	3
9.	Boiler Models for Lab Demonstration (Babcock & Wilcox Boiler Model, Lancashire Model and Locomotive Boiler Model) one each	3
10.	Brooder machine	4
11.	Bull Nose Ring	3
12.	Burdizzo Castrator	6
13.	Butyrometer for fat test	5
14.	Calf milk feeding bottle	4
15.	California Mastitis Test Kit (CMT) including Paddle -500ML	4
16.	Cattle Ear Tag Applicator	4
17.	Cattle Ear Tags – Plastic	8
18.	Cattle Electric Dehorner	4
19.	Cattle Iron Branding (Only Single)	4
20.	COBB Tester	2
21.	Cow Grooming Brush	4
22.	Crusher	6
23.	Debeaker	3
24.	Debeaker (Chicken Debeaker)	4
25.	Dehorner (Electric Dehorner)	3
26.	Digital Brusting Strength Tester	1

27.	Digital Melting Point	1
28.	Digital Tensile Strength Tester	1
29.	Dissection tray with wax	108
30.	Electric milk fat testing centrifuge machine	3
31.	Elemendorf Tearing Tester	1
32.	Falling Dart Impact Resistance Tester	1
33.	Feed and Forage Analyzer	3
34.	Food Processor with Mixer Grinder and Juicer	2
35.	Freeze Drier (Lypholizer)	1
36.	Hot Branding Iron Set (0 to 9)	5
37.	Hydrometer	15
38.	Ice-cream Hardener Machine	1
39.	Incubator cum hatcher	4
40.	Kulfi Machine	1
41.	Lactometer	24
42.	LED Egg Candler	4
43.	Liquid Nitrogen Container	19
44.	Livestock Tattoo Kit with Ear Release Pliers, Green Ink, Nitrile Gloves - 0-9 & A-Z Digits	2
45.	Manual sealing machine	8
46.	Metal Bull Holder	3
47.	Milk Analyzer (automatic)	4
48.	Milk Feeding Bottle for Calf with Nipple	2
49.	Milk Measurers (1 litre & 500 ml)	8
50.	Milk Pipette (10.75 ml)	24
51.	Milking Bucket	13
52.	Multi-Purpose Mechanical Vat with Scraper	1
53.	Planetary Mixer	1
54.	Pneumatic Paneer Press	3
55.	Poultry Drinker	9
56.	Poultry Feeder	10
57.	Refrigeration Tutor	1
58.	Rotary Vacuum Evaporator	1
59.	Sealing & capping machine for cups	5
60.	Semi-automatic Vertical Continuous Sealing Machine	1
61.	Silent Diesel Generator Set(40kVA)	1
62.	Tattooing Letter 0 to 9	4
63.	Teat Dip Cup	4
64.	Texture Analyzer	1
65.	Tray Dryer	1
66.	Trocar Cannula	4
67.	Tube auger	12
68.	Vaginal Speculum for Cattle	2
69.	Vaginal Speculum for Goat	3
70.	Venturimeter with SS Tank	1
71.	Willy Mill Grinder	5

Category-C

1.	Model (Constant mesh gear box – cut section working model)	6
2.	Model (Cut model of CI engine (Diesel))	6
3.	Model (Cut model of SI engine 2 stroke (Petrol))	5
4.	Model (Cut model of SI engine 4 stroke (Petrol))	6
5.	Model (Cut model of tractor)	6
6.	Model (Differential assembly with final drive – cut section working model)	4
7.	Model (Display model of disk plough)	8
8.	Model (Display model of indigenous plough)	9
9.	Model (Display model of MB plough)	8
10.	Model (Display models of all types of harrows)	7
11.	Model (Friction clutch (diaphragm type) working model)	7
12.	Model (Hydraulic brake system working model)	6
13.	Model (Models of different types of threshing drums)	6
14.	Model (Sliding mesh gear box – cut section working model)	6
15.	Model (Steering system (rack & pinion type) working model)	6
16.	Model (Working model of mower)	6
17.	Model (Working model of seed drill)	6
18.	Model (Working model of vertical conveyer reaper)	7

Category D

1.	Air conditioner split 1.5ton	40
2.	Air conditioner split 2 ton	20
3.	Air conditioner cassette 2 ton	20
4.	Air conditioner tower 3 ton	10
5.	Deep Freezer 300 liter	10
6.	Desert Cooler	100
7.	Microwave Oven	10
8.	Mixing and Grinding machine	20
9.	Refrigerator	10
10.	Refrigerator (Double Door)	10
11.	Visi Cooler 1000 Liters double Door	2
12.	Visi Cooler 450 Liters Single Door	2
13.	Water cooler 120 liter	20
14.	RO for water cooler 10 liter per hour	20
15.	RO portable 15 liter	20
16.	Water purifier portable 15 liter	20

Note:

1. The above quantities are only indicative for purchase of above said items. If the procuring entity does not procure any subject matter of procurement or procures less than the quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation.
2. Firms which are registered as micro or SSI Unit of Rajasthan with Commissioner of Industries shall furnish the amount of bid security at the rate 0.50 % of likely value of the indicative quantity or as per Table-1, , for catalogue item /Each item (as per above Table- 1). In respect of

items for which they are registered to manufacture, shall submit an attested copy of acknowledgment of EM-II issued by DIC, **BF-VIII**.

DISCLAIMER

The information contained in this bid document for proposed procurement or subsequently provided to the Bidder(s), in documentary or any other form by or on behalf of the Comptroller, **SKNAU, Jobner-303329**, (Procuring Entity) or any of its employees or advisors, is provided to Bidder(s) on the terms and conditions set out in this bid and such other terms and conditions subject to which such information is provided to the Bidder.

Whilst the information in this bid has been prepared in good faith and contains general information in respect of the proposed procurement, the bid is not and does not purport to contain all the information which the Bidder may require.

Neither the Comptroller, **SKNAU, Jobner-303329** (nor any of its officers or employees, nor any of their advisers nor consultants accept any liability or responsibility for the accuracy, reasonableness or completeness of, or for any errors, omissions or misstatements, negligent or otherwise, relating to the proposed procurement, or makes any representation or warranty, express or implied, with respect to the information contained in this bid or on which this bid is based or with respect to any written or oral information made or to be made available to any of the recipients or their professional advisers and liability therefore is hereby expressly disclaimed.

This document is not an agreement and is not an offer or invitation by the Comptroller, **SKNAU, Jobner-303329** (here in after referred to as "Procuring Entity") or its representatives to the prospective Bidders or any other person. The purpose of this bid document is to provide interested parties with information to assist the formulation of their Proposal/offer. The information contained in this bid document is selective and is subject to updating, expansion, revision, and amendment. Each recipient must conduct its own analysis of the information contained in this bid document or to connect any inaccuracies therein that may be in this bid document and is advised to carry out its own investigation into the proposed procurement, the legislative and regulatory regime which applies thereto and by and all matters pertinent to the proposed procurement and to seek its own professional advice on the legal, financial, regulatory and taxation consequences of entering into any agreement or arrangement relating to the proposed procurement.

This bid document includes certain statements, estimates and targets with respect to the procurement. Such statements, estimates and targets reflect various assumptions made by the management, officers, and employees of the procuring entity, (and the base information on which they are made) which may or may not prove to be correct. No representation or warranty is given as to the reasonableness of forecasts or the assumptions on which they may be based and nothing in this bid document is, or should be relied on as, a promise, representation, or warranty. Bid document and the information contained therein is meant only for those applying for this procurement, it may not be copied or distributed by the recipient to third parties, or used as information source by the Bidder or any other in any context, other than applying for this proposed procurement.

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

The Procuring Entity also accepts no liability of any nature whether resulting from negligence or otherwise howsoever caused arising from reliance of any Bidder upon the statements contained in this bid document.

The Procuring Entity may in its absolute discretion, but without being under any

obligation to do so, update, amend or supplement the information, assessment or assumptions contained in this bid document.

The issue of this bid document does not imply that the Procuring Entity is bound to select a bidder or to appoint the Selected Bidder or Bidder, as the case may be, for the procurement and the Procuring Entity reserves the right to reject all or any of the Bidders or Bids at any point of time without assigning any reason whatsoever.

The Bidder shall bear all its costs associated with or relating to the preparation and submission of its Bid including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Procuring Entity or any other costs incurred in connection with or relating to its Bid. All such costs and expenses will remain with the Bidder and the Procuring Entity shall not be liable in any manner whatsoever for the same or for any other costs or other expenses incurred by a Bidder in preparation or submission of the Bid, regardless of the conduct or outcome of the Bidding process.

Any information/documents including information/ documents pertaining to this bid or subsequently provided to Bidder and/or Selected Bidder and information/documents relating to the Bidding process; the disclosure of which is prejudicial and/or detrimental to, or endangers, the implementation of the procurement is not subject to disclosure as public information/document

Comptroller





श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय

जोबनेर 303329, जिला जयपुर (राजस्थान)

फोन नं. 01425-254988(का.)

e-mail Id : comptroller@sknau.ac.in

वित्त नियंत्रक

क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/

दिनांक :

Section-I Instruction to Bidders (ITB)

Before filling up of bid form, kindly go through the following instructions carefully so that your bid may not be considered invalid:

Clause No.	Description
1.	Go through the terms and conditions, annexure and other forms of the document carefully and meticulously.
2.	It is clarified that the information required in bidding document should be submitted only in enclosed Bidding Form (BF-I to BF-XIV) without any change or modification in its formats. Bids submitted with changed or modified annexure/ formats may be rejected.
3.	It is expected from all bidders that they will ensure that documents to be used in bid set will be given to a reliable person only, and that only a fully reliable person shall be authorized for the Comptroller, SKNAU, Jobner-303329. So that the confidentiality of our bid/rates is maintained up to bid opening & that your documents are put to any misuse.
4.	Complaints relating to this bid lodged with the Comptroller, SKNAU, Jobner-303329. should bear signature, name, ID proof and mobile number of the complainant. Unauthenticated complaints may not be acted upon.
5.	In case you are given any assurance of any advantage in the Comptroller, SKNAU, Jobner-303329. by anybody or if you are directly or indirectly threatened or intimated of harming your bidding & subsequent work in the Comptroller, SKNAU, Jobner-303329. please inform immediately about the same to the Comptroller, SKNAU, Jobner-303329. It would be better if evidence of such unfair activity of such person is produced so that action can be taken against such person/institution and their details can be put on the website.
6.	It is advisable to you to authorize only those persons for the Comptroller, SKNAU, Jobner-303329. bid who are employed in your company on salary basis.
7.	Certificates/Licenses/Documents which are required should be complete and updated.
8.	Bid form can be downloaded from websites sppp.raj.nic.in or " www.dipronline.org " or www.sknau.ac.in or " https://eproc.rajasthan.gov.in ". The Bid form fee Rs. 2,500.00 (Rs.1250.00 for SSI Units of Rajasthan) downloaded from the website and bid security Rs. 950000/- for category-A, Rs. 252000 category-B, Rs.96000 for Category-C and Rs. 208000/- for Category-D shall be deposited in the form of D.D./Banker's cheque in favour of The Comptroller SKNAU, Jobner payable at Jobner (for ssi units, the earnest money shall be as per rulers). The bidders are also required to deposit R.I.S.L. processing fee of ₹Rs. 2500.00 in the form of D.D./Banker cheque in favour of M.D., RISL payable at Jaipur. The bid document fee, R.I.S.L. processing fee and bid security shall be deposited physically along with technical bid submissions sheet in the office of the Comptroller, SKNAU, Jobner-303329. before the last date and time of bid submission. The bidder shall upload scanned copy of all the D.D./Banker's cheque (bid document fee, R.I.S.L. processing fee and bid security as applicable) in Technical Bid (Cover-A).

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	office of the Comptroller, SKNAU, Jobner-303329 . before the last date and time of bid submission, Bid form fees, RISL processing fees and bid security should be submitted separately for each bid. Bid form fees and RISL processing fees are non-refundable.
10.	The average gross turnover of the bidder shall be 100 percent of the value of category amount for last 3 years. The turn over statement (BF-V) duly certified and signed by Chartered Accountant shall be submitted along with bid, failing which the bid shall be rejected.
11.	A pre-bid Meeting will be held at 11.30 AM on dated 13.06.2025 in the Office of the Comptroller, SKNAU, Jobner-303329 . To clarify the issues and to answer the queries on any matter that may be raised at that time of pre bid in reference to bids. The issues to be raised during pre-bid meeting should be referred by the bidder to the Comptroller, SKNAU, Jobner-303329 on the same date up to 5.00 PM. So that these could be properly scrutinized. Representation regarding issues and queries which are discussed in pre bid meeting shall be submitted on the same date up to 5.00 PM. Representations received after same date up to 5.00 PM of pre bid meeting shall not be considered. Necessary corrigendum/modification/clarification in the bid and specifications may be issued after pre-bid meeting, if required. Please note that bids should be submitted after Pre-Bid meeting incorporating the corrigendum/modification/ clarification/addendum, if any.
12.	It is made clear that any representation/complaint/suggestions by bidder/prospective bidder with regard to technical specifications or conditions of bid document shall be dealt with only when such representations/complaints are given during on the same date up to 5.00 PM on pre-bid meeting. Representation/complaint/suggestions received after this time frame shall not be entertained and shall summarily be rejected. If any amendment is carried out in the bid specifications and terms & conditions following pre-bid meeting, the same will be uploaded on the university website www.sknau.ac.in or sppp.raj.nic.in or https://eproc.rajasthan.gov.in and will not be published in any newspapers. In case any inconvenience is felt, please contact to the Comptroller, SKNAU, Jobner.
13.	You are required to prepare a single PDF file for the entire bid document and then it should be uploaded on the website " https:// eproc.rajasthan.gov.in ". Bid document if not prepared as single PDF file, the website may not accept second and onward parts of the bid.
14.	Correspondence with the university regarding these bids by the authorized signatory of the firm shall only be entertained.
15.	The bidding rate contract (e-tender) of various lab equipment's is for purchase and supply of goods viz., various equipment's etc. for the period of 12 months.
16.	Bids received after the specified time and date shall not be accepted and shall be not opened.
17.	The technical bids shall be opened at 11.30 AM on dated 01.07.2025 or as amended in the presence of the Bidders or their representatives who wish to be present.
18.	The declaration of technical bid in respect of responsive/non responsive bidders shall be uploaded on websites www.sknau.ac.in or sppp.raj.nic.in or https://eproc.rajasthan.gov.in Similarly, information regarding Financial Bid (L-1) shall also be provided to bidders on above websites. Individual bidders may not be informed separately.
19.	The Comptroller, SKNAU, Jobner-303329 is not bound to accept the lowest bid and may reject any or all bids without assigning any reason thereof.
20.	The Bidders shall have to submit a valid ' GST' clearance certificate from the concerned Commercial Taxes Officer or affidavit and the 'PAN' issued by Income Tax Department.
21.	The bidding process shall be subject to the provisions of the Rajasthan Transparency in Public Procurement Act and Rules made there under. Rajasthan Transparency in Public Procurement Act, 2012 also provides redresser of grievances or complaints of bidder/prospective bidder, against any decision, action or omission of the procuring entity

	through mechanism of appeals under section 38 of the Act. Therefore, such complaints/grievances shall be entertained only through this mechanism.
22.	It is also clarified that interference with procurement process and vexatious appeals and complaints shall be dealt with as per section 42 & 43 of RTPP Act, respectively.
23.	The firm which have average turnover of 100 percent value of the category i.e. amount Rs.4.75 Cr for category A, Rs.1.26 Cr for Category B, Rs. 48 Lac for Category C and Rs. 1.04 Cr for Category D (last three years) will be eligible for this e-tender. The certificate in this connection should be verified by certified CA.

Comptroller





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फोन नं. 01425-254988(का.)

e-mail Id : comptroller@sknau.ac.in

वित्त नियंत्रक

क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/

दिनांक :

Section-II: Bid Data Sheet (BDS)

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3.	Preparation of Bids
4.	Submission and Opening of Bids
5.	Evaluation and Comparison of Bids
6.	Award of Contract
7.	Redressal of Grievances during Procurement Process



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दिनांक :

Section-II: Bid Data Sheet (BDS)

Clause No.	Description
1.	Introduction
1.1	NIB No. Date.
	The Procuring Entity is: - The Comptroller, SKNAU, Jobner-303329 Address for Correspondence and Clarifications: - The Comptroller, SKNAU, Jobner-303329. Mob.: 01425-254988 Email: comptroller@sknau.ac.in
1.2	The expenditure on the subject matter of procurement will be met by budgetary head contingency laboratory equipment The goods and related services to be procured are items warranty as per technical specifications
1.3	The rate contract shall be valid for period of 12 months from the date of approval of the e-tender.
2.	Bidding document
2.1	Bids are invited from manufacturers/Direct importers/ Distributors/ Authorised dealers and joint venture will not be allowed.
2.2	The price of the bidding document is:- Rs. 2500.00 (1250.00 for SSI Units of Rajasthan)
2.3	RISL processing Fee:- ₹2500.00 (in form of DD/Banker Cheque)
2.4	The bid security Rs. 95000/- for category-A, Rs. 252000 category-B, Rs.96000 for Category-C and Rs. 208000/- for Category-D shall be deposited in the form of D.D./Banker's cheque in favour of The Comptroller SKNAU, Jobner payable at Jobner.
2.5	The Pre-bid meeting will be held at 11:30 AM on 13.06.2025 at office Comptroller, SKNAU, Jobner-303329
2.6	Last date for Issuance of Bid Document:- on dated 30.06.2025 up to 11:00 AM
2.7	Last date & Time for submission of Bids:-on dated 30.06.2025 up to 11.00 AM Date & Time of opening of (Technical Bid) Bids:-on dated 01.07.2025 at 11.30 AM.
3.	Preparation of Bids

	<p>The Bidder shall upload following documents with its Technical Bid Submission Sheet (BF-II):-</p> <ol style="list-style-type: none"> 1. Bid Security, RISL Processing fee and Bid document cost (Copy of DD/Banker's Cheque). 2. In case of Indian Manufacturer, valid Manufacturing License from Competent Authority, if applicable, Acknowledgement of EM-II Memorandum/IEM/Registration of SSI unit, copy of the registration with Central Excise Department/ exemption from registration, if applicable, as per provisions of Central Excise Act. 3. In case of direct Importer, Import-Export Code (IEC) Certificate and Permission/ Authorization for sale from the foreign principal manufacturer. (BF-XIII) 4. The average gross annual turnover of the bidder shall be as per Table-1 for last three years. (BF-V) 5. Declaration by the Bidder Regarding Qualifications (BF-XI) 6. Declaration of Manufacturer/Direct Importer (BF-XII) 7. Authorization of the Bidder by the Firm (BF-XIV) 8. Bidders shall have to submit a valid ' GST' clearance certificate from the concerned Commercial Taxes Officer or affidavit and the 'PAN' issued by Income Tax Department. 9. ISO/BIS Certificate etc., <i>as applicable.</i> 10. Any other required.
3.2	<p>The Bidder shall physically submit following documents with its Financial Bid Submission Sheet (BF-II):-</p> <ol style="list-style-type: none"> 1. Financial bid submission sheet (Original copy) 2. DD/Banker Cheque for Bid Security, RISL processing fee and bid documents cost as per instructions given in ITB clause no.9.
3.3	Alternative Bids are not permitted.
3.4	Discounts or award of combination of lots shall not be offered.
3.5	For goods offered from outside India/ Direct Importer, the Bidder shall quote prices including all kinds of costs like Inland Transportation, Taxes, Installation and Commissioning Charges up to the consignee site, complete in all respect including consumables kit for demonstration, <i>if any.</i>
3.6	The terms of quoting price of goods viz., various laboratory equipment's etc. are inclusive of all taxes/charges with installation and commissioning etc. complete in all respect.
3.7	The prices quoted by the Bidder shall be fixed for entire contractual period of goods viz., various laboratory equipment's etc. The Contract Price shall be fixed for a contract period valid for 12 months for the goods viz., various laboratory Equipment's etc.
3.8	The currency of the Bid shall be the Indian Rupees.
3.9	The Bid validity period shall be 90 days from the opening of Technical Bid.
3.10	<p>a. A Bid Security/ Bid Securing Declaration shall be required.</p> <p>b. Bid Security shall be required, the amount and currency of the Bid Security shall be as mentioned in Table-1.</p>
3.11	The scanned copy of complete Bid document filled and signed on each page as per ITB and other requirements shall be electronically uploaded on website https://eproc.rajasthan.gov.in within the prescribed Bid submission period. Please note that physical submission of bid document shall not be accepted.

3.12	Any Authorization to sign on behalf of the Bidder shall consist of Power of Attorney by the Bidder/any valid certification or the change in bidder shall be resolved in the board of firm/ company which shall be immediately communicated to the Comptroller, SKNAU, Jobner-303329.
4.	Submission and Opening of Bids
4.1	The address of Procuring Entity's for Bid submission purposes is: - Comptroller, SKNAU, Jobner-303329. Mob.: 01425254988 Email: comptroller@sknau.ac.in The electronic submission of bid is mandatory; the address of the web portal is http://eproc.rajasthan.gov.in
4.2	The deadline for Bid submission is: Date: 30.06.2025 Time: 11:00 AM
4.3	The Bid opening shall take place at: The Comptroller, SKNAU, Jobner-303329. Date: 01.07.2025 Time: 11.30 AM
5.	Evaluation and Comparison of Bids
5.1	The Price and /or Purchase Preference shall apply as per GCC and SCC provisions.
6.	Award of Contract
6.1	The quantities mentioned in Table-1 are only indicative. If the procuring entity does not procure any subject matter of procurement or procures less than the quantity indicated in the bidding documents, the bidder shall not be entitled for any claim or compensation. No minimum quantity is warranty.
6.2	The period within which the contract agreement is to be executed and Performance Security is to be submitted is 15 days.
6.3	The Performance Security shall be required as per GCC-8 (i) @ 5.00 % of the value of the indicative quantity in favour of the Comptroller, SKNAU, Jobner -303329.
7.	Redressal Grievances during Procurement Process
7.1	(1) The designation and address of First Appellate Authority is Hon'ble Vice-Chancellor, Sri Karan Narendra Agriculture University, Jobner, Distt. Jaipur (Raj.)-303 329 or as decided by University authorities or Government of Rajasthan. (2) The Designation and address of the Second Appellate Authority is Principal Secretary/ ACS, Department of Agriculture, GOR or as decided by University authorities or GOR.
7.2	Name & Address of the Bidder: Name and Designation..... M/S Telephone No..... Telegram Code Fax No. Mobile No e-mail address



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Section III: Evaluation and Qualification Criteria

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2.	Qualification Criteria



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दिनांक :

Section III: Evaluation and Qualification Criteria

1. Evaluation Criteria

Clause No.	Description
1.	Scope
1.1	Local handling and inland transportation:- The cost for Inland Transportation, Insurance, related services, installation, commissioning, demonstration and other incidental costs for delivery of goods from the EXW premises, or port of entry, or supply point to consignee site as defined in Section V, schedule of supply shall be quoted in price schedule.
1.2	Minor omission and missing items: - Pursuant to the relevant clauses, the cost of all quantifiable non-material non-conformities or omissions from the contractual and commercial conditions shall be evaluated. The procuring entity will make its own assessment of the cost of any non-material non-conformities and omissions for the purpose of ensuring fare comparison of Bids.
2.	Technical Criteria:- The minimum technical level that the goods and related services shall have in order to comply with the Section V, schedule of supply are specified. These criteria are evaluated on a pass-fail system, with a minimum acceptable level for each criteria enumerated in technical specifications of item. However, a minor deficiency in technical compliance may not be cause for rejection of the Bid.
3.	Economic Criteria: - The economic criteria are most important when evaluating a Bid. The price, however, may not be the only criterion, as there could be technical evaluation that may be expressed in mandatory terms <i>i.e.</i> cost per test etc. The following may be examples: - 3.1, 3.2..
3.1	Adjustment for deviations in the delivery and completion schedule: - The deviation from the delivery and completion schedule specified in Section V, schedule of supply are permitted. No credit will be given for earlier completion.
3.2	Spare parts: - Only those spare parts and tools which are specified on an item wise basis in the list of goods and related services Section V, schedule of supply shall be taken in account in Bid evaluation. Supplier recommended spare parts for specified operating requirement shall not be considered in Bid evaluation.
3.3	Performance and productivity of goods: - The Performance and productivity of the goods viz., Poly house/agriculture implements etc. shall be as per the reference value or norms specified in technical specification of an item and corresponding value warranty by the Bidder in its Bid.
4.	Price and /or purchase preference:-
4.1	The price and /or purchase preference shall be given in evaluation of bids and award of contract under Purchase of Stores (Preference to Industries of Rajasthan) Rules, 1995 and in accordance to amendments issued by Finance Department, Govt. of Rajasthan from time to time.
4.2	While comparing the rates in respect of firms within Rajasthan the element of Rajasthan GST shall be included.
4.3	GST as applicable should be mentioned clearly and separately.
4.4	GST if exempted, it should be specified in BF-III.

4.5	If an item quoted in the bid does not attract excise duty at the time of bidding and excise duty is levied by the union government subsequently, the bidder shall be entitled to such excise duty paid on production of invoices drawn as per Central Excise Rules. However, a small or medium manufacturer enjoying exemption from levy of excise duty up to a certain turnover limit, no additional payment on account of levy excise duty shall be admissible subsequently on exceeding the turnover limit.
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2. Qualification Criteria

The lowest evaluated bidder shall have the necessary Qualifications to successfully fulfil its obligation under the contract. The Comptroller, SKNAU, Jobner -303329 with the help of Technical Committees and Purchase Committee specified the Qualification Criteria. Minimum acceptable levels with regards to Bidder's experience in supply goods and related services with comparable technical parameters, its financial capability and other factors are defined.

Clause No.	Description
1.	Size of operation:- The minimum average gross annual turnover of the Bidder or firm for last three financial year shall be as per Table-1. This includes the total payments received by the Bidder in Indian rupees for contract completed or under execution over the last three years.
2.	Contractual experience:- The bidder shall be a manufacturer/direct importer/Distribution/Authorised dealer who must have manufactured/ imported and supplied and installed this equipment's/instruments in India satisfactorily. The list of such installation of the equipment's may be asked from the bidder in verification of BF-VI information and he should submit self attested copy of purchase order, indent and invoice (inclusive of quantity & rate).
3.	Technical experience:- The goods offered/ being procured have been produced and sold for at least three years and have been in operation satisfactorily.
4.	Financial position:- The soundness of the Bidders financial position showing long term profitability demonstrated through audited annual financial statement (Balance Sheet, Income Statement etc.) for last three years.
5.	Litigation history:- The information regarding all pending claims, arbitration, or other litigation may be asked by the Comptroller, SKNAU, Jobner -303329., from the Bidder.
6.	Tax clearance certificates:- Bidders shall have to submit a valid 'GST' clearance certificate from the concerned Commercial Taxes Officer or affidavit and the 'PAN' issued by Income Tax Department
7.	Declaration regarding qualifications under Section 7 of the Act:- Declaration regarding qualifications of the Bidder as required under Section 7 of the Act shall be given in specified format provided in Section IV, Bidding Forms.



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Section IV: Bidding Forms

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5	Annual Turnover Statement (BF-V)
6	Statement of Past Supplies and Performance (BF-VI)
7	Pre-stamp receipt (BF-VII)
8	Format of Affidavit for EM-II (BF-VIII)
9	Declaration (BF-IX)
10	Memorandum of Appeal under RTPPA, 2012 (Form No. 1) (BF-X)
11	Declaration by the Bidder regarding qualifications (BF-XI)
12	Declaration regarding manufacturer/ direct importer/Distributor/Authorized dealer (BF-XII)
13	Authorization from principal manufacturer (BF-XIII)
14	Authorization of Bidder by the Firm (BF-XIV)
15	Verification (BF-XV)
16	Affidavit under price fall clause of Contract CF-IV (To be submitted on firm's letter head)

(To be submitted on Firms' letter)

BF-I

Technical Bid Submission Sheet (Cover 'A')

NIB No.

Dated:

To:

The Comptroller, SKNAU, Jobner -303329.

Mob. : 01425254988

Email: comptroller@sknau.ac.in

We, the undersigned, declare that:

1. I/We have examined and have no reservations to the Bidding Document of NIB No.dated.....including Agenda/Clarification No.....Dated.....
We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in Section V, Schedule of Supply, the following goods viz., equipment and instruments etc.....*Name of the item and Warranty period*.....
2. Our Bid shall be valid for a period of **90 days** from the date of technical bid opening in accordance with the Bidding Document, and it shall remain bidding upon us and may be accepted at any time before the expiration of that period. However, validity may also be extended with mutual consent.
3. If our Bid is accepted, we commit to submit a Performance Security in the amount of 5.0% of the contract price or as specified in Bid Document for the due performance of the contract.
4. Our firm, including any subcontractors or supplier for any part of the contract, have nationalities from the eligible countries.
5. I/We are not participating, as Bidders, in more than one Bid in this bidding process, in the bidding document.
6. Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers has not been debarred by the State Government or the Procuring Entity.
7. I/We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
8. I/We understand that you are not bound to accept the lowest evaluated Bid or any other bid that you may receive.

I/We agree to permit the Comptroller, SKNAU, Jobner -303329. or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the Comptroller, SKNAU, Jobner -303329.



9. I/We declare that we have complied with and shall continue to comply with the provisions of the Code of Integrity for Bidders as specified in the Rajasthan Transparency in Public Procurement Act, 2012, the Rajasthan Transparency in Public Procurement Rules, 2013 and this bidding document in this procurement process and in execution of the contract;
11. My/our quoted items..... (Name of item).....fully comply with the technical specifications as per Bid Document Section V, schedule of supply.
12. **The following mandatory documents are uploaded on e-procurement portal along with this Technical Bid Submission Sheet. The following documents/certificates/requirements are uploaded on e-procurement portal/ fulfilled :-**
 - I. Cost of bid document, processing fee and bid security;
 - II. In case of Indian Manufacturer, valid Manufacturing License from Competent Authority, if applicable, Acknowledgement of EM-II Memorandum/IEM/ Registration of SSI unit, copy of the registration with Central Excise Department/ exemption from registration, if applicable, as per provisions of Central Excise Act;
 - III. In case of direct Importer, Import-Export Code (IEC) Certificate and Permission /Authorization for sale from the foreign principal manufacturer;
 - IV. In case of Distributor/Authorized dealer authorization for sale from the principal manufacturer.
 - V. The average gross annual turnover of the bidder/firm shall be as per Table-1 for last three years (BF-V);
 - VI. Duly signed copy of Section VI A and VI Bor BF-IX, as acceptance of terms & conditions;
 - VII. ISO/etc. if applicable;
 - VIII. BIS certificate, in case of BIS marked items, if applicable;
 - IX. Any other documents.....

I/we understand that our bid will liable to be declared non responsive in case of any deficiency in fulfilment of above requirements on our part:

13. I/we accept all the terms, conditions and provisions of this bid document.

Name/Address.....
 In the capacity or.....(Designation).....

Signed.....
 Duly authorized to sign the Bid for and on behalf of.....(Name of Firm).....
 Date.....
 Tel:.....Fax:.....e-mail:.....



(To be submitted along with required fees)

Financial/Price Bid Submission Sheet (Cover 'B')

NIB No.-...

Dated:

To:

The Comptroller, SKNAU, Jobner -303329.

Mob.: 01425254988

Email: comptroller@sknau.ac.in

I/Wethe undersigned, declare that:

1. I/We have examined and have no reservations to the Bidding Document, including Addenda No..... Dated, if any
2. I/We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in Section V, Schedule of Supply, the following goods viz., equipment's and instruments etc.....(Name of Equipment's/ instruments/Items with warranty).
3. The prices of said equipment/item is uploaded electronically in BOQ on website <https://eproc.rajasthan.gov.in> as per instructions provided;
4. The uploaded financial Bid checked, confirmed and found as per Bid instructions;
5. The copy of DD/Banker Cheque as per ITB clause 9 with respect to Bid Security, cost of bidding document and RISL processing fee are enclosed as detailed below:-
 - (i) Bid Security.....
 - (ii) Cost of bidding document.....
 - (iii) RISL processing fee.....
6. I/We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed;
7. I/We understand that you are not bound to accept the lowest evaluated Bid or any other bid that you may receive;

I/We agree to permit the Comptroller, SKNAU, Jobner-303329.

or its representative to inspect our accounts and records and other documents relating to the bid submission and to have them audited by auditors appointed by the Comptroller, SKNAU, Jobner-303329.

8. I/We accept all the terms, conditions and provisions of this bid document.

Name/Address.....

In the capacity or.....(Designation).....

Signed.....

Duly authorized to sign the Bid for and on behalf of.....(Name of Firm).....

Date.....

Tel:.....Fax:.....e-mail:.....

FINANCIAL BID FOR QUOTED ITEM (s)
(Rates shall only be filled in BOQ <https://eproc.rajasthan.gov.in>)

S. No.	Name of Item	Appr ox. Qty	Name of the Model/ Make/ Brand	Net Rate per Unit (Rs.)	Rate of GST (%)	Amount of GST (Rs)	Total amount per unit with GST (D+F) (Rs.)	Gross amount (C x G) (Rs.)
A	B	C		D	E	F	G	H
Category-A								
1.	Acid Dispenser	10						
2.	Automatic Seed/Grain counter	3						
3.	Bacteriological incubator	8						
4.	Ball Mill	2						
5.	Balance (Digital Electronic Analytical Balance)	4						
6.	Balance (Electronic weighing Balance)	12						
7.	Balance (Pan Balance 1 kg)	13						
8.	Balance (Pan Balance 10kg)	5						
9.	Balance (Semi Micro Balance)	4						
10.	Balance (Spring Balance 10 kg)	8						
11.	Balance (Spring Balance 50 kg)	6						
12.	Balance (Top pan Balance 1 kg)	8						
13.	Balance (Top pan Balance 2 kg)	8						
14.	Balance (Weighing Balance 150 kg)	9						
15.	Bee Keeping Equipment	11						
16.	BOD Incubator	6						
17.	Box type solar cooker	2						
18.	Brix meter	10						
19.	Buket auger	18						
20.	Centrifuge	5						
21.	Centrifuge (Hand & Electric Centrifuge)	3						
22.	Chlorophyll Meter/SPAD meter	9						
23.	Concentrating type solar cooker (Parabolic trough type)	2						
24.	Deep Freezer Laboratory	8						
25.	Dietary fiber analysis system	6						
26.	Digital fruit penetrometer	10						
27.	Digital Lux meter	6						
28.	Digital pH Meter (Portable)	7						
29.	Digital refractometer	11						
30.	Digital vernier caliper	7						
31.	Double distillation unit	6						



32.	Double ring infiltrometer	7						
33.	Dusters	9						
34.	EC Meter	13						
35.	Electrophoresis Apparatus	2						
36.	Flame Photometer	5						
37.	Foot Sprayers	7						
38.	Gel Documentation System	4						
39.	Grafting and budding knife	205						
40.	Hot Air Oven	11						
41.	Hot Plate	7						
42.	Hydraulic conductivity meter	6						
43.	Insect collection box	190						
44.	Insect Collection Nets (Hand nets)	227						
45.	Insect killing bottle	135						
46.	Insect Stretching Board	72						
47.	Knapsack sprayer	17						
48.	Laminar air flow bench Horizontal size	7						
49.	Leaf area meter	6						
50.	Light traps	19						
51.	Loopers	17						
52.	Magnetic stirrers	11						
53.	Micro Kjeldahl N Digestion & Distillation Apparatus	6						
54.	Micropipettes	23						
55.	Microscope (Binocular slide Microscope With Dual Light Stand and photographic camera)	8						
56.	Microscope (Binocular slide Microscope)	22						
57.	Microscope (Compound microscope with photographic attachment)	2						
58.	Microscope (Compound student Microscope)	50						
59.	Microscope (Dissecting Microscope)	17						
60.	Microscope (Stereo Zoom Binocular Microscope With Dual Light Stand With camera)	6						
61.	Microscope (Stereo Zoom Binocular Microscope With Dual Light Stand)	20						
62.	Microscope (Stereo zoom trinocular Microscope)	1						
63.	Microscope (Stereoscopic	6						

	microscope with photographic attachment)							
64.	Moisture box	180						
65.	Moisture meter (Electronic)	15						
66.	Moisture meter (Hand)	2						
67.	Nano Drop	2						
68.	Ocular and stage micrometer	21						
69.	Oostenbrink elutriator	3						
70.	pH meter	12						
71.	Places Rotor for Spin win	1						
72.	Sample Processing Board/Plant Press	33						
73.	Seed analysis kit	3						
74.	Seed cum Fertilizer Drill	3						
75.	Seed germinator	6						
76.	Shaker (Rotary)	8						
77.	Sieves	5						
78.	Soil & Plant Sample grinder Machine	8						
79.	Soil auger	14						
80.	Soil saturation paste extraction assembly (6 place) with all accessories	3						
81.	Soxhlet Unit for fat/Oil estimation	5						
82.	SPINWIN microcentrifuge	2						
83.	Spectrophotometer (Double Beam Spectrophotometer)	9						
84.	Spectrophotometer (Single Beam UV VIS Spectrophotometer)	2						
85.	Spectrophotometer (Visible Spectrophotometer)	2						
86.	Spectrophotometer Cuvette	17						
87.	Strip cup for Mastitis	5						
88.	Thermometer	12						
89.	Vertical Autoclave	6						
90.	Water Bath	12						
Category B								
1.	Animal Ear Tag Applicator	4						
2.	Animal Tattooing Machine	4						
3.	Artificial Vagina Set	4						
4.	Atterberg's limits apparatus	6						
5.	Automatic Digestion & Distillation unit for Protein Estimation	1						
6.	Automatic Fat Estimation	1						

	Apparatus							
7.	Basket Centrifuge	1						
8.	Block Digestion System	3						
9.	Boiler Models for Lab Demonstration (Babcock & Wilcox Boiler Model, Lancashire Model and Locomotive Boiler Model) one each	3						
10.	Brooder machine	4						
11.	Bull Nose Ring	3						
12.	Burdizzo Castrator	6						
13.	Butyrometer for fat test	5						
14.	Calf milk feeding bottle	4						
15.	California Mastitis Test Kit (CMT) including Paddle - 500ML	4						
16.	Cattle Ear Tag Applicator	4						
17.	Cattle Ear Tags – Plastic	8						
18.	Cattle Electric Dehorner	4						
19.	Cattle Iron Branding (Only Single)	4						
20.	COBB Tester	2						
21.	Cow Grooming Brush	4						
22.	Crusher	6						
23.	Debeaker	3						
24.	Debeaker (Chicken Debeaker)	4						
25.	Dehorner (Electric Dehorner)	3						
26.	Digital Brusting Strength Tester	1						
27.	Digital Melting Point	1						
28.	Digital Tensile Strength Tester	1						
29.	Dissection tray with wax	108						
30.	Electric milk fat testing centrifuge machine	3						
31.	Elemendorf Tearing Tester	1						
32.	Falling Dart Impact Resistance Tester	1						
33.	Feed and Forage Analyzer	3						
34.	Food Processor with Mixer Grinder and Juicer	2						
35.	Freeze Drier (Lypholizer)	1						
36.	Hot Branding Iron Set (0 to 9)	5						
37.	Hydrometer	15						
38.	Ice-cream Hardener Machine	1						
39.	Incubator cum hatcher	4						
40.	Kulfi Machine	1						
41.	Lactometer	24						
42.	LED Egg Candler	4						

43.	Liquid Nitrogen Container	19						
44.	Livestock Tattoo Kit with Ear Release Pliers, Green Ink, Nitrile Gloves - 0-9 & A-Z Digits	2						
45.	Manual sealing machine	8						
46.	Metal Bull Holder	3						
47.	Milk Analyzer (automatic)	4						
48.	Milk Feeding Bottle for Calf with Nipple	2						
49.	Milk Measurers (1 litre & 500 ml)	8						
50.	Milk Pipette (10.75 ml)	24						
51.	Milking Bucket	13						
52.	Multi-Purpose Mechanical Vat with Scraper	1						
53.	Planetary Mixer	1						
54.	Pneumatic Pancre Press	3						
55.	Poultry Drinker	9						
56.	Poultry Feeder	10						
57.	Refrigeration Tutor	1						
58.	Rotary Vacuum Evaporator	1						
59.	Sealing & capping machine for cups	5						
60.	Semi-automatic Vertical Continuous Sealing Machine	1						
61.	Silent Diesel Generator Set(40kVA)	1						
62.	Tattooing Letter 0 to 9	4						
63.	Teat Dip Cup	4						
64.	Texture Analyzer	1						
65.	Tray Dryer	1						
66.	Trocar Cannula	4						
67.	Tube auger	12						
68.	Vaginal Speculum for Cattle	2						
69.	Vaginal Speculum for Goat	3						
70.	Venturi meter with SS Tank	1						
71.	Willy Mill Grinder	5						
Category C								
1.	Model (Constant mesh gear box – cut section working model)	6						
2.	Model (Cut model of CI engine (Diesel))	6						
3.	Model (Cut model of SI engine 2 stroke (Petrol))	5						
4.	Model (Cut model of SI engine 4 stroke (Petrol))	6						
5.	Model (Cut model of tractor)	6						
6.	Model (Differential assembly with final drive – cut section)	4						

	working model)							
7.	Model (Display model of disk plough	8						
8.	Model (Display model of indigenous plough	9						
9.	Model (Display model of MB plough	8						
10.	Model (Display models of all types of harrows	7						
11.	Model (Friction clutch (diaphragm type) working model	7						
12.	Model (Hydraulic brake system working model	6						
13.	Model (Models of different types of threshing drums	6						
14.	Model (Sliding mesh gear box – cut section working model	6						
15.	Model (Steering system (rack & pinion type) working model	6						
16.	Model (Working model of mower)	6						
17.	Model (Working model of sceed drill)	6						
18.	Model (Working model of vertical conveyer reaper)	7						
Category -D								
1.	Air conditioner split 1.5ton	40						
2.	Air conditioner split 2 ton	20						
3.	Air conditioner cassette 2 ton	20						
4.	Air conditioner tower 3 ton	10						
5.	Deep Freezer 300 liter	10						
6.	Desert Cooler	100						
7.	Microwave Oven	10						
8.	Mixing and Grinding machine	20						
9.	Refrigerator 180 liter	10						
10.	Refrigerator (Double Door) 240 liter	10						
11.	Visi Cooler 1000 Liters double Door	2						
12.	Visi Cooler 450 Liters Single Door	2						
13.	Water cooler 120 liter	20						
14.	RO for water cooler 10 liter per hour	20						
15.	RO portable 15 liter	20						
16.	Water purifier portable 15 liter	20						

Rates shall only be filled in BOQ <https://eproc.rajasthan.gov.in>

Signature

Date

Note: -

1. The rate quoted should be with GST amount.
2. Rate should be quoted on separate sheets for each item.
3. Rate should be quoted only for per unit.
4. No quantity or cash discounts should be offered.
5. Read all the terms & conditions before filling the BF-III
6. Please quote rates in absolute amount only.
7. The supply and installation of the item will be FOR including all taxes and Transportation in all the university jurisdiction areas (Jaipur, Bharatpur, Dholpur, Sikar, Ajmer, Dausa, Tonk, Alwar, Kotputli-Behror), units are given below:
 - 1) SKN Agriculture University, Jobner, Jaipur
 - 2) SKN College of Agriculture, Jobner, Jaipur
 - 3) College of Agriculture, Lalsot, Dausa
 - 4) College of Agriculture, Kumher, Bharatpur
 - 5) College of Agriculture, Fatehpur, Sikar
 - 6) College of Agriculture, Navgaon, Alwar
 - 7) College of Agriculture, Basedi, Dholpur
 - 8) College of Agriculture, Kotputli, Kotputli-Behror
 - 9) College of Agriculture, Kishangarhbas, Alwar
 - 10) College of Agriculture, Bhusawer, Bharatpur
 - 11) College of Agriculture, Jhilai (Niwai), Tonk
 - 12) College of Agriculture, Pithampuri, Sikar
 - 13) College of Dairy Science & Technology, Jobner, Jaipur
 - 14) College of Horticulture, Durgapura, Jaipur
 - 15) Rajasthan Agricultural Research Institute, Jaipur
 - 16) KVK, Ajmer
 - 17) KVK, Bharatpur
 - 18) KVK, Dausa
 - 19) KVK, Dholpur
 - 20) KVK, Fatehpur, Sikar
 - 21) KVK, Kotputli, Kotputli-Behror
 - 22) KVK, Navgaon, Alwar
 - 23) KVK, Arnia, Sikar
 - 24) ARS, Fatehpur, Sikar
 - 25) ARS, Navgaon, Alwar
 - 26) ARSS, Ajmer
 - 27) ARSS, Diggi, Tonk
 - 28) ARSS, Kumher, Bharatpur
 - 29) ARSS, Kotputli, Kotputli-Behror
8. The quantity of equipments may increase or decrease as per requirement of respective constituents' colleges of SKNAU, Jobner
9. The expenditure of non judicial stamp paper will be borne by the firm itself.
10. Firm may discuss any doubt during pre-bid meeting

Name in Capital Company
/Firm Seal

(On Firm's letter head)

Declaration and Undertaking

1. I/We..... (Name of firm) certify that the quoted model (of quoted item) is of latest technology and is not outdated.

I/We certify that the rates (of quoted item) are reasonable and not sold on lower rates to anyone than charged from the Comptroller, SKNAU, Jobner -303329.

2. I/We do hereby undertake to ensure the availability of spare parts & consumables for quoted model of equipment for at least 5 years from the date of installation/supply on the cost basis.

3. I/We do hereby accept condition of warranty period with spare parts of each quoted equipment as per terms & conditions or technical specifications. (From the date of installation/ demonstration).

4. (a) I/We do hereby undertake that our company/firm has not been black listed/banned/debarred by Union Govt. or any State Govt. or their subordinate departments from participation in bidding.

(b) I/We do hereby declare that our company/firm has been black listed/banned/debarred by..... (Name, Address of Govt./Deptt./State) and detailed information is as given below:

I Cause of black listing/banning/Debarring.

II. For which item.....

III. Period of black listing/banning/Debarring.

IV. Latest Status of black listing/banning/Debarring.

5. I/We hereby confirm that we have deposited all the GST as on dated with the concerned authority/department. No GST is due on the firm as on dated

Place:

Signature of Authorized Signatory

Date:

Name and Signature of Bidder

Designation with seal



(On Firm's letter head)

STATEMENT OF PAST SUPPLIES AND PERFORMANCE**(SPECIAL CONTRACT CONDITION NO. -10)
(SCC-10)****SEPARATE FOR EACH ITEM**

I/We..... (Name of firm.....) do hereby certify that we have supplied ----- (Name of equipment.....) as per details given below:-

Financial year	Order placed by [full address of purchaser with telephone & fax no.]	Order No. and date	Description and quantity of ordered goods	Date of completion of delivery		Remarks indicating reasons for late delivery, if any	Has the equipment's been supplied & installed satisfactory?
				As per contract	Actual		
2021-22							
2022-23							
2023-24							

1. It shall be submitted with technical bid and the above information should be verifiable from relevant documents of the bidder.
2. The different variants of same equipment may be considered.
3. In case of supply of imported item the suppliers may be asked to furnish a certificate and other information to the effect that the firm has completed all the formalities including bill of entries in custom in connection with import of the item in question.

Place :

Date :

Signature of Bidder with Seal



(On Firm's letter head)
PRE- STAMP RECEIPT

I/We received an amount ofnil..... from The Comptroller, SKNAU, **Jobner -303329**, through DD/BC No.....nil dated.....nil. NEFT or RTGS etc. as details for payment is given below:

- i. Name of supplier.....
- ii. Name & address of Firm.....
- iii. Name of bank & branch.....
- iv. Bank a/c type : Saving/Current/Over Draft/.....
- v. Bank a/c number.....
- vi. Bank branch MICR Code.....
- vii. RTGS Code.....
- viii. NEFT Code.....
- ix. PAN.....
- x. Bank contact person's name & Mobile no. :

This amount is received against refund of bid security of bid no.dated

and sanction No. Dated

Signature of Authorized Signatory

Place :

Name of Signatory

Date :

Designation with seal

Format of Affidavit for EM-II

(On Firm's letter head)

I/We.....(*Name*).....S/o.....(*Name*).....
...Aged.....Yrs..... residing at(*Address*)..... Proprietor/
Partner/ Authorized Director of M/s do hereby solemnly affirm
and declare that:

- (a) My/Our above noted enterprise M/s(*Name of Firm*).....has been issued acknowledgement of Entrepreneurial Memorandum Part-II by the District Industries Centre.....(*Name & Address with District & State*) The acknowledgement No. is *dated* and has been issued for Manufacture of following items.
 - (i)
 - (ii)
 - (iii)
 - (iv)
 - (v)
- (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.

Place.....

Date.....

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



(On Non-Judicial Stamp Paper of 100/-)

DECLARATION

I/We M/s. represented by its Proprietor/managing Partner/Managing Director having its Registered Office at and its Factory Premises at do declare that I/we have carefully read all the conditions of bid no. Dated.....including all the amendments inRef.for supply goods viz., equipment's, instruments & AC etc. of..... (Item name) for the Comptroller, **SKNAU, Jobner -303329** and accepts all conditions of bid including amendments, if any.

I/We agree that the Comptroller, **SKNAU, Jobner -303329** may forfeit bid security and/or performance security and debar me/us for a period specifying inorders, if any information/document furnished by us is proved to be false/fabricated at the time of inspection and not complying with the terms and conditions of the bid document as presented in bid, GCC/SCC and other relevant documents.

Signature & Seal of bidder
Name & Address:

Note: - To be attested by the Notary



(On Firm's letter head)

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

[See rule 83 of RTPPP and GCC No.-23]

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. Ground of appeal:

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

7. Prayer:.....
.....
.....

Place

Date

Appellant's Signature



(Shall be submitted on letter head of firm)

Declaration by the Bidder regarding Qualifications

In relation to my /our bid submitted to The Comptroller, SKNAU, Jobner-303329 for procurements of (name of items)in response to their Notice Inviting Bids No..... Dated..... I/We hereby declares 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 undertake/declare that the quoted item model is of latest technology, the item has not become outdated, that the rate quoted is not more than the rate charged from anyone else, that the bidder is not black listed or banned or debarred by central or any state government or its append gages, availability of spare parts and consumables for the quoted equipment for at least 5 years/life of the item, or whichever is earlier, from the date of installation for each item quoted in the bid.
3. Bid should not be submitted for the quoted item(s) for which the bidder has been blacklisted/banned/debarred either by bid inviting authority or Govt. of Rajasthan or by any other state/central Govt. and its agencies. This also applies to the bidder for its sister/ allied firm(s)/ unit(s).
4. 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 bidding document;
5. 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 subjected of legal proceedings for any of the foregoing reasons;
6. 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 statement or misrepresentations as 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;
7. I/We do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:

Place:

Signature of bidder

Name:

Designation:Address:



(Shall be submitted on letter head of firm)

Declaration of Manufacturer/Direct Importer/Distributor/Authorized Dealer

Date: _____

NIB No.: _____

I/We a legally constituted firm/body..... (Name of Firm with address)..... and represented by Mr.....(Name of Bidder/Sale proprietor/CMD/Chairman)..... declare that I am/ we are Manufacturers/ DirectImporter/Distributor/Authorized dealer in the Goods and Related Services for which I/We have Bid.

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

I/we further declare that the item..... (Name of item).....is Manufactured/Imported/Distributed/sold at our premises at..... (Address of Factory & Office).....

Signed.....

Name.....

In the capacity of.....

Duly authorized to sign the Authorization for and on behalf of(Name of Sale proprietor /Firm).....

Tel:

Fax:

e-mail:

Date:



(On Firm's letter head)

Authorization from foreign principal Manufacturer

To,

The Comptroller, SKNAU, Jobner -303329.

Mob. : 01425-254988

Email: comptroller@sknau.ac.in

Subject: Regarding authorization for our products.

Ref.: Your NIB no.dated.....

Name of items.....

Dear Sir,

I/we.....(Name).....for M/s.....(Name of firm).....who are proven and reputable manufacturers.....(Name of item).....having factory at.....(Address of Factory and Office)..... hereby authorize Messrs.....(Name of Bidder firm) to submit a Bid, process the same further and enter into a contract with you against your requirement as contained in the above referred Bid documents/NIB for the abovegoods manufactured by us.

I/we further confirm that no supplier or firm or individual other than M/s.....(Name of Bidder Firm), is authorized to submit a Bid, process the same further and enter into a contract with you against your requirement as contained in the above referred Bid documents for the above goods manufacturedby us.

I/we also hereby extend our full warranty as applicable as per Bid conditions of Contract, read with modifications/addendum, if any, in the Conditions of Contract for the goods and services offered for supply by the above firm against this Bid document.

I/we also hereby confirm that we shall also be responsible for the satisfactory execution of contract placed on the authorized Firm.

This authorization shall be valid till the completion of supply period and related services i.e. Warranty, whichever is later.

Yours faithfully,

.....(Name & Signature).....

For M/s.....

AUTHORISED SIGNATORY

Accepted by the authorized Bidder Mr.....(Signature, Name & Address).....



(On Firm's letter head)

Authorization of Bidder by the Firm

To,

The Comptroller, SKNAU, Jobner -303329.

Mob. : 01425254988

Email: comptroller@sknau.ac.in

Subject: Regarding authorization of Bidder by the Firm.

Ref.: Your NIB no.dated.....

Name of items.....

Dear Sir,

I/we.....(Name).....for M/s (Name of firm).....who are proven and reputable manufacturers(Name of item)..... having factory at(Address of Factory and Office) hereby authorize Mr..... (Name & Designation of Bidder)..... to submit a Bid, process the same further and enter into a contract with you against your requirement as contained in the abovereferred Bid documents/NIB for the above goods manufactured by us.

I/we obtain the approval of Board of Directors of our Firm in the meeting no.....held on dated.....at Agenda No.....

I/we further confirm that no individual other than Mr.....(Name & Designation of Bidder), is authorized to submit a Bid, process the same further and enter into a contract with you against your requirement as contained in the above referred Bid documents for the above goods manufactured by our Firm.

I/we also hereby extend our full warranty, as applicable as per Bid conditions of Contract, read with modifications/addendum, if any, in the Conditions of Contract for the goods and services offered for supply by the authorized Bidder/Signatory against this Bid document.

I/we also hereby confirm that we shall also be responsible for the satisfactory execution of contract placed on the authorized Firm.

This authorization shall be valid till the completion of the rate contract period and related services i.e. warranty etc., whichever is later.

The attested photocopy of photo ID/Voter ID/Driving License/Any other equal document for authorised person is enclosed here.

Yours faithfully,

..... (Name & Signature of Chairman & CMD).....

For M/s.....

AUTHORISED SIGNATORY OF FIRM

Accepted by the authorized person Mr.....(Signature, Name & Address).....

(Shall be submitted on letter head of firm)

VERIFICATION

I/we.....S/o.....Aged.....
Year residing at Authorized Bidder/Proprietor/
Partner/Director of Firm M/s verify and confirm that the contents
of bidding documents, its bidding forms **BF-I to BF-XV** and other information submitted for BID
no..... are true and correct to the best of my knowledge and nothing has been concealed
therein.

May God help me.

Signature of Bidder.....
Name:
Address:
Mobile No.....
E-mail address.....



Section V: Schedule of Supply

Table of Contents

S. No.	Description
1.	List of goods viz., Various Laboratory Equipment's & AC etc.
2.	Delivery and Completion Schedule
3.	Detailed Technical Specifications
4.	Inspections and Tests



श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय

जोबनेर 303329, जिला जयपुर (राजस्थान)

फोन नं. 01425-254988(का.)

e-mail Id : comptroller@sknau.ac.in

वित्त नियंत्रक

क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/

दिनांक :

Section V: Schedule of Supply

Clause No.	Description
1	List of goods viz., various Laboratory equipment's & AC
1.1	Name of item.....
1.2	Delivery, local transportation, installation, commissioning, demonstration and training etc.
1.3	Warranty Period starts from the date of delivery/ installation for a period of..... Years.
2	Delivery and completion schedule
2.1	Supply orders and supply schedule:
2.1.1	Supply order will be placed through registered post/e-mail/any communication medium by Dean of respective college/ the Comptroller, SKNAU, Jobner - 303329.The date of dispatch of letter or communication date will be treated as the date of order for calculating the period of execution of order. The successful bidder will execute the orders within a delivery period of 45 days or as specified in the supply order.
2.1.2	In case of imported items, 30 days will be given in addition to above mentioned period.
2.1.3	The successful bidder acknowledges receipt of orders within 7 days from the date of dispatch of order, failing which the procuring entity may be at liberty to initiate action to purchase the items on risk & cost purchase provision.
2.1.4	The consignee for supplies shall be the Comptroller, SKNAU, Jobner - 303329. or their equivalent or should as mentioned in supply order.
2.1.5	The ready stock position of the item, if provided by the firm, may be considered by the University.
2.1.6	It may be noted that the University does not undertake to assist in the procurement of raw material, whether imported or controlled or restricted, and as such the bidders must offer their rates to supply the specific items from own quota of raw material stock by visualizing the prospect of availability and requirement. Any of the above points if taken, as argument for non-supply/delayed supply will not be entertained.

2.1.7	The quantities indicated in the Table-1 are mere estimates and are intended to give an idea to the prospective bidder. The figures indicated do not constitute any commitment on the part of University to purchase any of the articles and the quantities shown therein against each or in any quantity whatsoever and no objection against the quantity of the indent of approved item being more or less than the indicative quantity will be entertained and shall not be acceptable as a ground for non-supply of the quantity indented.
2.2	PROCURING ENTITY'S RIGHT TO VARY QUANTITY:
2.2.1	The quantities are only indicative for purchase of goods viz., equipment's & AC etc. If the procuring entity does not procure any subject matter of procurement or procures less than the quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation. No minimum quantity is warranty.
2.2.2	If the Comptroller, SKNAU, Jobner -303329 procures less than the quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.
2.2.3	If the Bidder fails to supply the Comptroller, SKNAU, Jobner -303329 shall be free to arrange/procure the items and the extra cost incurred shall be recovered from the Supplier.
2.3	PACKING & INSURANCE:
2.3.1	The good will be delivered at the destination in perfect condition. The firm if so desires may insure valuable goods against loss by theft, destruction or damages by fire, flood, under exposure to weather or otherwise in any situation. The insurance charges will have to be borne by the supplier and the Comptroller, SKNAU, Jobner -303329 shall not be required to pay any such charges, if incurred.
2.3.2	The firm shall be responsible for the proper packing so as to avoid damages under normal conditions of transport by Sea, Rail, Road or Air and delivery of material in good condition to the Procurement Officer's store. In the event of any loss, damage, breakage or leakage or any shortage the firm shall be liable to make good such loss and shortage found at destination after the Checking/inspection of material by the consignee. No extra cost on such account shall be admissible. The firm may keep its agent to verify any damage or loss discovered at the consignee's store, if it so likes.
2.3.3	Packing, cases, containers and other allied material if any shall be supplied free, except where otherwise specified by the firm(s) and agreed by the Comptroller, SKNAU, Jobner -303329 and the same shall not be returned to him.
2.4	REJECTION OF GOODS:
2.4.1	Articles not as per specification/ or not approved shall be rejected by the Comptroller, SKNAU, Jobner -303329 consignee and will have to be replaced by the supplier firm at its own cost within 20 days or as time limit fixed by the Comptroller, SKNAU, Jobner.
2.4.2	All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard, samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents. The decision of the Comptroller, SKNAU, and Jobner 303329 as to the quality of stores be final and binding upon the bidder. In case any of the articles supplied are not found as per specification or declared sub-standard/spurious, that shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account.

2.4.3	The rejected item must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned will take reasonable care of such material but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises.
2.4.4	No payment shall be made for defective/incorrect items. However, if payment has been made, then defective items shall be allowed to be removed only after the firm replaces material as per specifications, duly inspected. If the payment has not been made, the firm may be allowed to remove the material without prior replacement. Joint inspection of defective material may be carried out as required by the University. However, sample of BIS marked material found defective shall be kept by consignee for reference to BIS.
2.4.5	In case firm wants to take back item to their works for rectification then firm has to deposit payment received against such defective supplies. In case supplier has not received any payment then material be returned to supplier firm for rectification.
2.4.6	The Bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage in transit, the Bidder shall be responsible. No extra cost on such account shall be admissible.
2.5	TERMS OF PAYMENT: -
2.5.1	Payment shall be released on receipt of certificate of supply as per specifications and in good condition from the consignee along with the bill. Installation/commissioning of equipment and rendition of required satisfactory training to the consignee's personnel, if any, shall also be necessary for releasing payment. In case of delayed supplies, deduction of L.D. as per provisions shall be made from payments. The firms shall seek time extension from the University before delayed dispatch of supplies.
2.5.2	Payment shall be made by NEFT/RTGS/account payee bank demand draft/banker's cheque, as the case may be. Expenses on this account, if any, shall be borne by the firm.
2.5.3	No advance payments towards cost of items will be made to the bidder.
2.5.4	All bills/invoices should be raised in triplicate and in the case of Excisable items; the bills should be drawn as per Central Excise Rules in the name of the authority concerned.
2.5.5	If at any time during the period of contract, the price of bid items is reduced or brought down by any law or Act of the Central or State Government or by the bidder himself, the bidder shall be bound to inform the Comptroller, SKNAU, Jobner -303329 immediately about it. Purchasing authority shall be empowered to unilaterally effect such reduction as is necessary in rates in case the bidder fails to notify or fails to agree for such reduction of rates.
2.5.6	In case of any enhancement in Excise Duty due to notification of the Government after the date of submission of bids and during the bid period, the quantum of additional excise duty so levied will be allowed to be charged extra as a separate item without any change in the basic price structure of the items approved under the bid. For claiming the additional cost on account of the increase in Excise Duty, the bidder should produce a letter from the concerned Excise authorities for having paid additional Excise Duty on the goods supplied to ordering authority and also must claim the same in the invoice separately. Similarly, if there is any reduction in the rate of excise duty of items, as notified by the Government, after the date of submission of bid, the quantum of the price to the extent of reduction of excise duty of items will be deducted without any change in the basic price structure of the items approved under the bidder.
2.5.7	In case of successful bidder has been enjoying excise duty exemption on any criteria, such bidder will not be allowed to claim excise duty at later point of time during the tenure of contract, if the excise duty become chargeable on goods manufactured due to any reason.
2.6	LIQUIDATED DAMAGES:

2.6.1	The time specified for delivery in the bid form shall be deemed to be the essence of the contract and the successful bidder shall arrange supplies within the period on receipt of order from the Purchasing Officers.
2.6.2	In case of extension in the delivery period with liquidated damages, recovery of L.D. shall be made at such rates, as given below, of value of stores which the bidder has failed to supply:- (a) Delay up to 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% (c) Delay exceeding half but not exceeding three- fourth of the Prescribed delivery period - 7.5% (d) Delay exceeding three- fourth of the prescribed period -10% Fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day. The maximum amount of agreed liquidated damage shall be 10%.
2.6.3	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 Comptroller, SKNAU, Jobner -303329. for the same immediately on occurrence of the hindrances of the Comptroller, SKNAU, Jobner -303329. but not after the stipulated date of completion of supply. The firms shall ensure extension of delivery period for delayed supplies. The payment shall only be released by purchase officer after sanction of extension in delivery period.
2.6.4	Delivery period may be extended with or without liquidated damages. If the delay in the supply of goods is on account of force majeure i.e., which is beyond the control of the bidder, the extension in delivery period may be granted without Liquidated Damage.
2.6.5	If the bidder is unable to complete the supply within the specified or extended period, the purchasing officer shall be entitled to purchase the goods or any part thereof from elsewhere without notice to the bidder on his (i.e., bidders) account at his cost and risk, with the prior approved from the Comptroller, SKNAU, Jobner -303329. The bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the bidder. The bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the bidder under this or any other contract with the University/government. If recovery is not possible from the bill and the bidder fails to pay the loss or damage within one month of the demand, the recovery of such amount or sum due from the bidder shall be made under the Rajasthan Public Demand Recovery Act, 1952 or any other law for the time being in force. In case supplier fails to deliver ordered goods, the risk purchases may be made at market rate from any other firm. It is mandatory for the approved supplier to acknowledge receipt of orders within seven days from the date of dispatch of order, failing which the procuring entity will be at liberty to initiate action to purchase the items on risk purchase provision at the expiry of the prescribed supply period.
2.7	RECOVERIES: -
2.7.1	Recoveries of liquidated damages, short supplies, breakage, rejected articles shall ordinarily be made from bills. Such amount may also be recovered from any other untied dues & security deposits available with the University. In case recovery is not possible, recourse will be taken under Rajasthan PDR Act or any other law in force.

2.7.2	Any recovery on account of L.D. charges/risk & cost charges in respect of previous rate contracts/supply orders placed on them by the University can also be recovered from any sum accrued against this bid after accounting for untied sum or due payment lying with University against previous rate contracts/supply orders. Firm shall submit details of pending amount lying with University but decision of the Comptroller, SKNAU, Jobner-303329.regarding authenticity of sum payable shall be final.
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Detailed Technical Specifications :- Annexure 1

Category-A

S. No.	Name of Equipment	Specification
1.	Acid Dispenser	Volume range: 1-0-10.0 ml Increment(ml): 0.2 ml Accuracy: 0.06 ml CV=0.02 ml
2.	Automatic Seed/Grain counter	1. Count range: Small sample: 0.7~4 mm×0.7~12mm 2. Big sample: 3~10×3~12 mm 3. Count accuracy: Big sample 2/1000 4. Small sample: 4/1000 5. Count speed: ≥1000 /3min 6. Count number range: 1~99999 7. LED display read direct. 8. Pre-set stop: 1~99999 every number, 00000 not count 9. Revise frequency: f=1~2Hz, f=10~20Hz 10. Size: 196×254×150mm 11. Power: 220V, 50HZ 12. Working time: ≥5 Hours 13. Work environment: Atmospheric pressure: 750 ± 30 mm Hg 14. Environment temperature: 0 °C~40 °C 15. Relative humidity: <80% when 20 °C 16. Fuse: φ5×20, 1A /250V Certification: ISO
3.	Bacteriological incubator	1. Temperature accuracy ±0.2°C @37°C, Temperature controller Dual display PID controller, 2. Display SV & PV, Auto tuning feature, 3. Temperature sensor PT100, Inner chamber SS 304, External cabinet Powder coated GI sheet, 4. Insulation Glass wool, Door Insulated door, Mechanical latch / clamp, Glass window, 5. Heaters Resistance wire heaters (Air Fin Heaters optional), 6. Shelves SS wire mesh (removable)/ Shelves with holes for small instruments, 7. Air circulation Motorized blower / Axial fan, Standard fittings Mains on/off switch, 8. Load Indicator, Fan on/off switch, Power supply 220 Volts 50Hz. 9. CAPACITY : 14X14X14 INCH
4.	Ball Mill	Capacity: 2 Kg Housing: Stainless Steel / MS Powder Coated Jar Construction: Aluminium / Stainless Steel Speed: 80 rpm

		<p>Motor: FHP Geared Motor Material feed size: < 10 mm Final fineness: < 10 µm, for colloidal grinding < 1 µm Grinding stations: 1 Power Supply: 220 / 230 Volts, 50Hz</p>
5.	Balance (Digital Electronic Analytical Balance	<ol style="list-style-type: none"> 1. Pan size: 80-140 mm diameter 2. Response time: Less than 3 Seconds 3. Capacity : 0.001gm- 220gm 4. Accuracy & Readability: 0.001gm 5. Linearity: (+/-) 0.002 Gram 6. LED / LCD Red Display 7. Calibration: Automatic External 8. Tare range: Full 9. Operating temperature: 10-400 10. Power supply: AC 220v/50-60Hz 11. Dimension: 270 x 190 x 265 mm 12. Weight: 3-4 Kg 13. Certification: CE , ISO EMFC TECHNOLOGY
6.	Balance (Electronic weighing balance)	<ol style="list-style-type: none"> 1. Weighing Capacity: 220gm; 2. Readability: 1mg; 3. Repeatability: 1mg; 4. Linearity: 0.2mg
7.	Balance (Pan balance 1 kg)	<ol style="list-style-type: none"> 1. Pan size: 115-140 mm 2. Capacity : 1 kg 3. Accuracy & Readability 10Mg 4. Linearity 20 mg, 5 Compact and space saving 6. High quality LED / LCD red Display 7. calibration-Automatic external 8. Tare range-full 9 operating temperature -10-40°C 10. power supply-Ac220v/50-60Hz 11. Dimension-360mm*230mm*140mm 12. certificate ISO,FDA,GMP,CE
8.	Balance (Pan balance 10 kg)	<ol style="list-style-type: none"> 1. Weighing Capacity: 10 kg 2. Accuracy: 0.5 g 3. Pan Size: 230 mm x 180 mm 4. Display: LED
9.	Balance (Semi Micro Balance)	<ol style="list-style-type: none"> 1. Capacity: 60/200 gms 2. Readability: 0.01/0.1 mg 3. Accuracy: ± 0.01/0.1 mg 4. Pan Diameter: 80 mm approx. 5. Type of Display: Brilliant backlit display 5 digit. Calibration: Automatic calibration with internal weight as well as calibration with external weight. 6. Class of Protection: IP-65 7. Operating Voltage: 230 Volts AC+/-10%, 50 Hz

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		8. Balance should be supplied along with protective dust cover. 9. The instrument should be supplied with all the accessories required for Installation & Commissioning. 10. Spare AC Adapter 230 V required with the equipment. 11. EMFC TECHNOLOGY
10.	Balance (Spring balance 10 kg)	1. Spring Balance Round (METAL) 2. Capacity: 10 kg 3. Corrosion Protected Springs 4. Stainless Steel Hooks 5. Form Factor: Compact 6. Material: Stainless Steel
11.	Balance (Spring balance 50 kg)	1. Spring Balance Round (METAL) 2. Capacity: 50 kg 3. Corrosion Protected Springs 4. Stainless Steel Hooks 5. Form Factor: Handheld 6. Material: Stainless Steel
12.	Balance (Top pan balance 1 kg)	1. Pan size :115-140 mm 2. Capacity :1kg 3. Accuracy& Readability 10Mg 4. Linearity 20 mg, 5. Compact and space saving 6. High quality LED / LCD red Display 7. Calibration-Automatic external 8. Tare range-full 9. Operating temperature -10-40 ⁰ 10. Power supply-Ac220v/50-60Hz 11. Dimension-360mm*230mm*140mm 12. Certificate ISO,FDA,GMP,CE
13.	Balance (Top pan balance 2 kg)	1. Pan size :115-140 mm 2. Capacity :2 kg 3. Accuracy& Readability 10Mg 4. Linearity 20 mg, 5. Compact and space saving 6. High quality LED / LCD red Display 7. Calibration-Automatic external 8. Tare range-full 9. operating temperature -10-40 ⁰ 10. power supply-Ac220v/50-60Hz 11. Dimension-360mm*230mm*140mm 12. certificate ISO,FDA,GMP,CE
14.	Balance (Weighing balance 150 kg)	1. Electronic 2. 150 kg capacity 3. Electronic platform scale 4. Digital display
15.	Bee Keeping	1. Bee hive 10 frame

	Equipment	<p>2. Bee hives are constructed mainly with seasonal timber such as teak, kail or toon. The timber should be free from insect holes, dead knots, shakes, splits and cracks. The thickness of the wooden walls should be 20 mm.</p> <p>3. Accessories- Honey extractor, bee brush, cap, knife etc</p>
16.	BOD Incubator	<ol style="list-style-type: none"> 1. Double walled construction. outer door: CRCA steel with powder coated paint or stainless steel. Lock and key arrangement provided in the double walled outer door desired. 2. Inner chamber made of Stainless 304 (AISI Grade, non corrosive, Non Magnetic) 3. Machine filled CFC-free polyurethane foam (PUF) insulation 70 mm minimum for the body and 80 mm for the door using to eliminate void pockets. unique design of thermal barrier. Three trays shelves made of SS 304 grade mash. Adjustable for desired height. 4. Digital temperature control with a current temperature display and an accuracy of $\pm 0.5^{\circ}\text{C}$; temperature range: $+5^{\circ}\text{C}$ to 60°C. 5. Audio visual alarm warning of temperature variation. 6. Preferable size: outer: 800 x 1095x 1220 mm approx. and inner 660 x 655 x 650mm Approx, Capacity 250-300 liter or higher. 7. Full view inner transparent door permits inspection of specimens without disturbing the same. 8. Triple walled back of the unit should be fitted with Air circulation fan for maintain temperature uniformly throughout the chamber. 9. The unit should have Microprocessor controller with LED display and feather touch keys to set temperature with set, process value and audio visual alarms. 10. It should have smart door handle with LED door closure indication and door open alarm for over one minute and door handle with indication for proper door close. 11. It should have Light inside the chamber 12. It should have safety features like High low temp safety cutoff with alarm, sensor failure alarm, TDR for compressor, Electric circuit breaker, 13. Caster wheel at bottom for easy mobility, 14. Cord and plug to work on 220V, 50 H AC supply. 15. Appropriate automatic voltage stabilizer to be provide along with instruments. 16. Instruction manual should be provided.



		17. 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.
17.	Box type solar cooker	<ol style="list-style-type: none"> 1. Capacity: For cooking food of 4-5 persons, 2. No. of containers: 4, 3. Material of container: aluminum, 4. Material of construction: Stainless Steel
18.	Brix meter	0-32 ⁰ brix or 0-28 ⁰ brix
19.	Buket auger	<ol style="list-style-type: none"> 1. Material: Iron 2. Product Dimensions: 10 x 10 x 10 Cm 3. Item Dimensions L x W x H: 10 x 10 x 10 Cm
20.	Centrifuge	<ol style="list-style-type: none"> 1. Max. Speed: Up to 6000 rpm (adjustable) 2. Number of Tubes 8 3. Rotor Capacity: 8x15 ml, with brushless motor 4. Digital LED/LCD display 5. Safety lid interlock to prevent cover opening during centrifugation 6. Maximum RCF: 5000 g 7. Power: 220-240 V/ 50 Hz 8. Head Type Swing out Rotor Head 9. Certification: CE , ISO 9001
21.	Centrifuge (Hand & Electric Centrifuge)	<ol style="list-style-type: none"> 1. Laboratory Centrifuge Medium -High Speed Maximum Speed 10,000-16000 Rpm 2. Microprocessor-based. Square M S body duly powder coated. 3. Double-walled lightweight ABS lid. 4. Fitted with microprocessor-based 2 lines 16 characters LCD pannel for 0-59 minutes countdown timer, digital rpm meter, and programmable speed controller. 5. Prices are with one head 8x15ml and 4x50ml (Angle Head).
22.	Chlorophyll Meter/SPAD meter	<ol style="list-style-type: none"> 1. Measuring Area: 2mm X 2mm 2. Meas. Mode: 2-wavelength concentration difference of optical methods 3. Sensors: Silicon semiconductor photodiode
23.	Concentrating type solar cooker (Parabolic trough type)	<ol style="list-style-type: none"> 1. Diameter of parabolic trough: 1.5 meter 2. Pot capacity: 5 liters 3. Pot diameter: 28 cm 4. Tracking: manual
24.	Deep Freezer Laboratory Vertical	<ol style="list-style-type: none"> 1. Laboratory Ultra Deep Freezer Vertical with inner doors for reducing cold air loss 2. Solid door with right or left hand hinge with door lock 3. Temperature range * -60°C to max. -86°C 4. Temperature accuracy at -80°C: +/- 3°C after stabilization 5. Capacity* 175 to 500 Litres
25.	Dietary fiber analysis system	<ol style="list-style-type: none"> 1. Multi Analysis Dietary Fibre estimation system for quantitative determination of total soluble and insoluble dietary fibre content with rapid filtration and other recognized methods AOAC & EPA). RAPID Fully AUTOMATED Auto Sequence Microprocessor Based system. Suitable for

determination of Dietary fibre content in all type of raw material Feed & Agriculture Products, Forages, Grains, related parameters in plants materials, Oil Cakes, Cereals & its products, Seeds & Many More & Many More. Sample loading: 8-12 samples with an independent sample loading facility with individual valves for drain and vacuum. The system should have facilitated either individual filtration or common filtration based on the application required. It should incorporate a borosilicate expansion vessel.

2. System should have Water Bath shaker for precise PID temperature controller with digital display with inbuilt safety features for auto tuning and auto error display. It should have especially for continuous nonstop biological operation for uniform noiseless orbital motion. System should have perfect orbital motion, continuous variable speed with accurate RPM controller, Digital display of Speed and time. Auto stop/auto start feature with anti-vibration mount operation, sample size: 0.1 to 5 gm. Electrical Requirement: 230 V/50Hz- 230V/60Hz, Capacity: 24-48 samples per day. Electric Voltage controller stabilizer should provide. ISO 9001:2015 & CE Certified.
3. **Other Features:** Vacuum Source: Electrical Vacuum suction pump for filtration, Fixed filtration glass chamber in the filtration module. Sample loading: Individual sample loading with independent mechanical control. Control valves: Individual control valves for vacuum and filtration. Uniquely designed expansion vessel to feed samples after enzymatic digestion & residue collection vessel. Counter pressure option with reverse air stream. Essential Accessories like Crucible Rubber, Extractor Rubber, Teflon Bush & Nylon Bush.
4. Bath designed for studies on Tissue metabolism, Enzymes and Protein coagulation & experiments requiring. Shaking of subject matter at constant speed under controlled temperature environment. System consists of stirring in SS water tank with reciprocal motion with thermostatic heating bath. Enzymatic digestion vessel. Microprocessor based Digital PID Temperature controller with auto tuning facility. Temperature range: Ambient to 110°C, Temperature Setting: Increments of 1°C. Strokes: 0-120 strokes/minute continuously variable. Drive: Heavy duty DC motor designed for uniform noiseless motion. Shaking speed can be controlled by means of Electronic Speed Controller cum Digital Indicator upto 150 RPM.
5. Speed Indication: Digital LED Display. Heater: Immersion heater thermostatically controlled. Inner tank made of Stainless Steel-316 grade and Exterior of Stainless Steel-304 grade. High density glass wool insulation to prevent heat loss & ensure constant temperature. Shaking tray consist of Lotus clamps to hold Erlenmeyer flasks. High grade Silica glass Crucible with P2 (P100) Disc, 40-90 µm Microns for free Timer should be inbuilt digital timer: 0 to 99.59 Settable in Hrs. Ins & Secs, Speed setting with Rotary potentiometric knob for continuously variable speed. Speed Indication should be Digital Display with LED indication. High grade Silica glass marked crucible with P1 grade disc, 40-90 µm Microns (70mm height) Optional (P0/P2) for free reagent while operation. **Safety Features:** Over temperature protection, Auto error Indication, Sensor break protection. Heater cut off feature with buzzer indication and alarm, Acoustic signals with visual display Auto tuning facility, Anti vibration mount, Auto stop & Start feature. System should be kept in AC rooms. System should have power requirements should be 220-240V with Power controlled voltage

		Stabilizer.
26.	Digital fruit penetrometer	<ol style="list-style-type: none"> 1. Display- Digital 2. Material- SS 3. Power- 2X AAA batteries 4. Measurement accuracy- $\pm 0.5\%$
27.	Digital Lux meter	<ol style="list-style-type: none"> 1. MAX/MIN, Backlight, Auto Power Off 2. Range: 0~200,000lux <ol style="list-style-type: none"> a. 0~20,000fc 3. Accuracy: $\pm 5\%$ rdg+10dgt(<10.000lux/fc) <ol style="list-style-type: none"> a. $\pm 10\%$ rdg+10dgt(>10.000lux/fc) 4. Resolution: 0.1luxor0.1fc 5. Power: 9VBattery 6. Dimensions: 190x56x39mm(approx.) 7. Weight: 135gmsIncludingBattery(approx.) 8. Accessories: Carrying Case, Inst. Manual, 9. 9V Battery (installed)
28.	Digital pH Meter (Portable)	<ol style="list-style-type: none"> 1. pH unit- 0.00 – 14.99 2. accuracy: 0.001 pH unit, Resolution: 0.01 pH Unit. 3. Features toggle readout of pH and temperature. 4. Waterproof with unique double junction electrode design that is ideal for most applications including tris Buffers, Organic solutions with heavy Metals, sulphides and dirty water. 5. Push button Three points calibration, 4.01, 7.00 and 10.00. 6. Double junction gel pH electrode. 7. Powered by four 1.5 V alkaline batteries.
29.	Digital refractometer	<ol style="list-style-type: none"> Range – Refractive Brix 0 to 85% Resolution – Brix 0.005% Temperature – 0.01°C Accuracy – Brix $\pm 0.010\%$ Temperature Range – 5°C to 60°C 6. Certification – ISO,FDA,GMP,CE
30.	Digital vernier caliper	<ol style="list-style-type: none"> 1. Measuring Range: 0-200 mm 2. Body Material: Stainless Steel 3. Display Type: Digital 4. Accuracy: 0.02 mm
31.	Double distillation unit	<p>Detailed Technical Specification of All Quartz Double Distillation Assembly</p> <p>Output Capacity (Approx): 2.5 ltr/hr; Power rating: 5 KW. All Quartz Double Distillation shall be consists of demountable upper & lower boiler; The lower boiler has a built in heater enclosed in a quartz boiler with a cup on top. The upper boiler has a built in quartz coil and condensing unit which is mounted on the boiler with the help of ball and socket joint. Double walled condenser ensures separate condensation of vapors coming from the two boilers using a single cooling circuit. The unit in mounted on a specially designed powder coated stand and is also provided with automatic Safety Control Unit. This new dual - safety cut off device has been designed for better and accurate control of the distillation unit. It has been incorporated with advanced microprocessor based electronic circuitry. The alpha</p>

		numeric LCD which has been used shows all messages that correspond to the running of the machine. Also there is alarm system which beeps as and when user attention is required. Double Distillate Quality Specific Conductivity: $\leq 1 \mu\text{S}/\text{cm}$; Biological Activity (distillate quality): Pyrogen Free; Organic Matter: Nil; Total Solids: 0.1 mg/ltr Silica: $\leq 0.01 \text{ mg/ltr}$.
32.	Double ring infiltrometer	<ol style="list-style-type: none"> 1. Diameter: 12 and 24in (305 and 610mm) galvanized steel rings 2. Capacity : Mariotte Tubes: 3,000 and 10,000ml 3. Net Weight : Outer Ring: 35lb (15.9 kg), Inner Ring: 18lb (8.2 kg), 3,000ml Mariotte Tube: 18lb (8.2 kg), 5,000ml Mariotte Tube: 25lb (11.3 kg) 4. Driving Cap (Cover): 25lb (11.3 kg) 5. Neoprene & Brass Fittings: 1lb (0.5 kg) 6. Estimated Shipping Weight: 110.0lb (49.90 kg) 7. Freight Class: 200
33.	Dusters	<ol style="list-style-type: none"> 1. Power operated duster (5kg) 2. Iron
34.	EC Meter	<ol style="list-style-type: none"> 1. Range: $0.1 \mu\text{S}$ to 100 mS 2. Accuracy: $\pm 1\%$ of Full scale ± 1 digit 3. Resolution : 0.001 μS 4. Range : 0.1 PPM to 100 PPT 5. Accuracy : $\pm 1\%$ of Full scale ± 1 digit 6. Temperature 7. Range : 0 to 100 degree Celsius (Auto / Manual) 8. Resolution: 0.1 degree Celsius 9. Accuracy : ± 0.2 degree Celsius ± 1 Digit 10. Cell Constant: Acceptable from 0.1 to 5.0 11. Conductivity Tem. Co-efficient 0.0% to 9.9% user selectable 12. Display: 7 digits, 7 segment LED. 13. TDS Factor: 0.00 to 9.99 user selectable 14. Power: 230 v AC $\pm 10\%$, 50 Hz. 15. Dimensions : 250 (W) X 205(D) X 75(H) mm
35.	Electrophoresis Apparatus	<p>The Gel Electrophoresis Unit must have a Horizontal Electrophoresis along with a Power Pack Supply, combs and all accessories:</p> <p>Power Pack supply one set with detachable electrodes</p> <ol style="list-style-type: none"> 1. Buffer tank with single molding casted 2. Gel Caster should be having universal gel caster and casting gates also 3. Combs with 16, 24, 28, 32 wells. 4. Buffer volume range should be 1000 ml to 1500 ml 5. Safety certificate. 6. Approximate dimension 50x30x10 cm 7. Approximate Gel size 25x32 cm 8. Power Supply-As per Indian standard. 9. Warranty: 2-3 years.
36.	Flame Photometer	Range of Operation:

		ELEMENTS	Minimum concentration Without Dilution	Maximum concentration (Without Dilution) Low concentration mode	Maximum concentration (Without Dilution) High concentration mode
		Na	0.2 ppm	10 ppm	100 ppm
		K	0.1 ppm	10 ppm	100 ppm
		Ca	3.0 ppm	100 ppm	300 ppm
		Li	0.1 ppm	2 ppm	50 ppm
		Ba	50 ppm	500 ppm	3000 ppm
		1. REPRODUCIBILITY: $\pm 1\%$ fs 2 Digits in Low Concentration mode. $\pm 2\%$ fs 2 Digit in High Concentration mode. 2. CURVE FITTING ACCURACY: $\pm 2\%$ fs. (High Conc. Range) 3. FILTERS (Regular): Na (589 nm), K. (768 nm), Interference filters with 10-nm Bandwidth 4. FILTERS (Optional): 5. Li (671 nm), Ca (622 nm), Ba (554 nm) Interference filters with 10-nm Bandwidth 6. Separate channel and separate silicon photodiode (Detector) for each element. 7. MINIMUM SAMPLE: Approx. 3ml. 8. ASPIRATION TIME: Five element analysis within 20 second on single aspiration 9. FUEL GAS: LPG (Liquid Petroleum Gas) 10. OPERATING AIR PRESSURE: 0.45kg/cm ² (typical) 11. POWER SUPPLY: 230V $\pm 10\%$, 50Hz. 12. Specification for Compressor 13. Pressure: 0.0 to 1.0 Kg/cm ² (Maximum) 14. Power Supply: 230 V $\pm 10\%$ 15. Dimensions: 255 (W) X 205 (H) X 210 (D) mm 16. Weight: 6 Kg (Approx.) 17. Mounting: Preferable on floor 18. Warranty: 2-3 Years			
37.	Foot Sprayers	1. Brass Foot sprayer with 8 meter delivery pipe & 2 meter long suction house with strainer, 2. Weight approximate 8-9 Kg without discharging line 3. Normal working pressure: 600 kpa or 6 bar Certification-ISO, ISI			
38.	Gel Documentation System	Gel documentation system- 1. System should have in-built touchscreen with Larger 12.5"-14.5" display for image acquisition, Protein visualization and further quantification, documentation and publication should have software. 2. System should have 16-bit scientific grade camera with 65,536 Grey levels 3. System should have camera with 5-megapixel or better true native resolution, 4. System should have built-in computer-controlled camera, lens, lighting,			

		<p>darkroom and interchangeable UV and Blue light table options</p> <ol style="list-style-type: none"> 5. System should have USB 3.0 technology for fast image transfer 6. System should have passive cooling (camera air circulation) for significant background noise reduction 7. System should have dark room and EPI White LED along with UV light 8. System should have UV cut-off filter and 4 positions filter wheel 9. System should be made of Stainless Steel, Rust Free, covered with chemical-resistant Epoxy paint 10. System should have UV Trans illuminator of dimension 26 x 21 cm FOV image area and Slide out Super Bright transilluminator to get background noise free images. 11. System should have multiuser Software for analysis with local area network (LAN) connectivity 12. System should have remote access for image transfer and further analysis 13. System should have Image Master Assistant - powerful tool to control sample image quality. A modification of the image display does not modify the Image Master data 14. System should have One-touch fully automated image acquisition process 15. System should have Auto-exposure, manual-exposure and serial modes - 3D and 3D-live image acquisition view mode 16. System should have future option for Image enhancement, annotation, illustration and comparison, Molecular weight, Dendrogram 17. System should have UV pad for DNA/ RNA gels and option for fluorescence stain imaging: <i>Ethidium Bromide, Sybr-Safe, Sybr-Green, Gel-Red, Gel-Green, Sybr-Gold, GFP, Pro-Q Emerald, Sypro Ruby, FITC, DAP.</i> 18. System should have future option for Colorimetric stained protein gels, X-Ray film, auto-read, SSCP gels, colony dish and flask imaging and other EPI white light applications 19. System should have power requirements should be 220-240V with Power controlled voltage Stabilizer. 20. System should have all necessary accessories and should be kept in AC rooms. 21. System should have Warranty – Three years.
39.	Grafting and budding knife	<ol style="list-style-type: none"> 1. Material: Stainless Steel, Alloy Steel and Brass 2. Handle Type: Non-Retractable 3. Feature: Foldable
40.	Hot Air Oven	<ol style="list-style-type: none"> 1. The equipment must have a microprocessor PID controller that includes a timing function for precise temperature control. 2. The chamber should be made of polished stainless steel and feature rounded corners to facilitate easy and efficient cleaning. 3. The equipment must ensure uniform distribution of air temperature within the chamber to guarantee consistent results. 4. The equipment should utilize forced-air convection to enhance temperature uniformity and stability. 5. The equipment must be equipped with a double-layer glass door and a larger viewing window to provide better visibility of the interior. 6. The internal dimensions of the chamber should be 550 mm (width) x 450 mm (depth) x 7550 mm (height). Approx. The external dimensions of the equipment should be 830 mm (width) x 585mm (depth) x 695 mm (height).

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		<p>Approx.</p> <ol style="list-style-type: none"> 7. The chamber should have a total volume of 125-130 liters. 8. The equipment must have a temperature range of Room Temperature +10°C to 300°C. The temperature accuracy of the equipment should be within ±1°C. 9. The temperature display should have a resolution of 0.1°C for precise readings. 10. The equipment must offer a timing range from 1 minute to 9999 minutes. 11. The equipment should include 2 shelves for internal organization. 12. The equipment must have a power consumption of 1550 watts. 13. The equipment should operate on a power supply of 220-240 volts, 50Hz, single phase. 14. The equipment must comply with ISO 9001, CE, GMP, and USFDA standards or be European CE certified. 15. Documentation for Installation Qualification (IQ), Operational Qualification (OQ), and Performance Qualification (PQ) must be provided.
41.	Hot Plate	<ol style="list-style-type: none"> 1. Type of Product: Hot Plate 2. Shape: Rectangular and Round 3. Max. Capacity: 10 L 4. -Temperature range: Ambient + 5°C to 380°C 5. Digital temperature controller Temperature up to 500°C. 6. Input voltage: 230 V AC ± 10, 50-60 Hz Wattage: 1500 W 7. Power Rating: 1000-1500 W 8. Body Material: Mild Steel 9. Heating plate surface: Stainless Steel 304 / 10. Mild Steel / Cast Iron Cabinet MOC: Powder coated MS. 11. Top Plate Dimensions: 40 x 25 cm.
42.	Hydraulic conductivity meter	<ol style="list-style-type: none"> 1. Automation-no timing outflow, weighing beakers, or making judgment calls. 2. Better data—dramatically improves accuracy by reducing human error. 3. Both Constant and Falling Head methods. 4. Easy-to-use software—performs all calculations and makes temperature corrections based on the viscosity of water. 5. Wide Range—measure conductivities from 10,000 - 0.1 cm/d.
43.	Insect collection box	<ol style="list-style-type: none"> 1. White Hardwood / Teakwood with glass in wooden frame on top & MDF sheet bottom are nicely polished. 2. Bottom lined with 8 mm thick soft pinning, washable EVA Sheet. Inside glazed white. 3. Raised wooden wall with holes for insecticide inside bottom to make box air tight and pest proof. 4. Fitted with brass hinges, index card holder & clips or 2.5 to 3 cm wax layer on bottom for proper pinning 5. Size: 45x 30x 6.5cm 6. Certification-ISO
44.	Insect Collection Nets (Hand nets)	<ol style="list-style-type: none"> 1. Hand net build with about 60 cm wooden handle 2. 30 cm diameter iron ring 3. High quality mosquito netting.
45.	Insect killing bottle	Round Glass bottle with Bakelite screwing cape (500ml) with 15x 10 cm with killing agent



		Must be hermetically sealable and has a thin layer of hardened plaster of Paris on the bottom to absorb the killing agent.
46.	Insect Stretching Board	<p>Size : 35 x 12cm Thickness: 8mm Material: HDPE/EVA/Wooden Weight: 450-500gm</p> <p>Board adjustable along the support to obtain desired width for different size insects. Board top & groove fitted with 8 mm thick EVA sheet. Groove adjustable from 0 to 12 mm with the help of brass fly-nuts. Material used is teakwood and finished in spirit polish</p>
47.	Knapsack sprayer	<ol style="list-style-type: none"> 1. Battery operated knapsack sprayer machine ISI certified 2. 16 ltr. Chemical tank capacity 3. maintenance free powerful battery 12v/8ah 4. 80 psi mini diaphragm pump 5. three stage reliable & durable charger 6. telescopic (expandable) s.s. lance 7. trigger type, leak proof auto cut-off device 8. multi hole nozzle 9. Battery works for spraying approximately 350-400 litres of solution when fully charged
48.	Laminar air flow bench Horizontal size	<ol style="list-style-type: none"> 1. Velocity: 90 FPM \pm20% 2. HEPA Filter: 99.999 % efficiency for particles $>0.3 \mu\text{m}$ 3. Pre-Filter: 85 % efficiency for particles $>0.5 \mu\text{m}$ (Washable) 4. Particle Count: Better than US Fed Std 209B Class10 and VDI 2083 Class 3 5. Cabinet: Laminated High Quality Wooden Board /PCRC Sheet Powder Coated/Stainless Steel SS 304 (optional 316 grade) 6. Work Table:304 Stainless Steel (optional 316 grade) 3 x 3 x 3 Feet 7. Airflow Speed: Control Speed Controller (Three Step Speed Controller) 8. Blower: Highly efficient centrifugal type with lifetime lubricated bearings 9. Motor Power (HP): 1/4 HP 10. Light: High intensity, low wattage $>800 \text{ lux}$ 11. Noise Level: $<55 \text{ dB}$ 12. Standard Accessories: Air/gas cock and mains power socket (16A) 13. Power Supply: 220-230 V, 50 Hz., Speed: 1400 rpm 14. Optional Accessories- Microprocessor LCD Controller, Digital display for air flow rate, Transparent Front Door, Gauges Pressure (Statics Pressure Manometer), Magnetic Gauge (for filter pressure), U. V. Germicidal Tube in work area, Electronic Filter choke alarm. Spare HEPA Filters, Auto switch on/off for U.V., Germicidal tube & fluorescent light, Hour Meter for UV light 15. Certification: ISO
49.	Leaf area meter	<ol style="list-style-type: none"> 1. Measuring leaf surface area with high accuracy and reliability. 2. Operation humidity: 0%~100 %RH (Frost free) 3. Working Temperature: 0~40 °C LCD, 4. Battery: rechargeable lithium-ion battery, 5. Max scan length: 3000 mm 6. Scanning speed: 120mm/s



50.	Light traps	<ol style="list-style-type: none"> 1. Material-Plastic With light source bulb of hard glass having UV Light with visible spectrum. Electric choke for protection of bulb. 2. Plastic funnel-height 27 cm 3. Top Diameter-30 cm 4. Bottom Diameter 5-6 cm 5. Baffles- 3 No. 6. Made of MS Sheet/Plastic insect collection bag efficient. 7. Certification-ISO,GMP,CE
51.	Loopers	<ol style="list-style-type: none"> 1. Material dimension- 50-60 cm length 2. Weight- up to 1 kg 3. Sharpex- 30-40 inches 4. Cutting capacity- 2 inch
52.	Magnetic stirrers	<ol style="list-style-type: none"> 1. Magnetic Stirrers with stainless steel top housing, 2. PMDC motor, 3. Speed regulation controller, 4. Step-less speed control, 5. Digital Speed Indicator 6. Maximum loading 2 liter
53.	Micro Kjeldahl N Digestion & Distillation Apparatus	<p>Analyser Fully Automated Kjeldahl Analyzer Parameters:</p> <ol style="list-style-type: none"> 1. Analysis of Nitrogen, protein, ammonia. 2. Autosampler capacity: Autosampler 60, 3 racks with 20 Kjeldahl tubes 250 ml or 400 ml 3. Storage capacity: 200 batches in the instrument software. 4. Analysis time: 3.5 minutes at 30 mg N (6.5 minutes at 200 mg N) 5. Distillation capacity: ~ 40 ml/min 6. Measuring range: 0.1 - 210 mg N 7. Reproducibility: 1% RSD (including the digestion step) 8. Recovery: > 99.5% at nitrogen levels between 1 - 200 mg N 9. Tube draining: 200 ml in less than 10 seconds 10. Burette volume: 35 ml 11. Burette resolution: 1.2 µl/step 12. Delay: 0 - 1800 seconds 13. Safe: Auto 5 seconds
54.	Micropipettes	<p>Capacity: Pipette volume range-0.5ul -10ul, 2ul – 20ul, 10ul – 100ul, 20ul – 200ul, 100ul – 1000ul, 0.1ul – 2.5ul, 500ul – 5000ul, and 1000 ul – 10000 ul including tips box and 6 position pipettes stand from same manufacturer.</p> <p>Accuracy:</p> <ol style="list-style-type: none"> 1. Pipette for research work. Fully Autoclavable pipette with separate tip ejector and volume adjustment. For convenient, rapid volume selection, even single - handed or with gloves. Pipette should be certified and certificates to be provided for CE, ISO-13485 / IVD. 2. Pipette should have Adjustment display & opening adjust your pipette to a specific liquid and volume. 3. Pipette should be fully autoclavable with need to be disassembled the pipette. 4. Pipette Volume display should be 4 digits and magnifying shape

		<ol style="list-style-type: none"> 5. Pipette Ejector should be very low operating force and positioned for perfect ergonomics 6. Pipette should have Control button very low operating force and colour indicates pipette volume and positioned for perfect ergonomics 7. Pipette should have spring loaded tip cone to improved ergonomics Tight fit to the tip 8. Pipette Piston system should Ultra-light system made of Fortran. 9. All Pipette Should come with 3 Years warranty and Manufacturer should have Own NABL calibration facility to maintain the service and calibration of pipette during warranty and after warranty period.
55.	Microscope (Binocular slide Microscope With Dual Light Stand and photographic camera)	<ol style="list-style-type: none"> 1. Siedentop observation Trinocular head inclined at 30° rotatable at 360°. Diopter adjustment ring on ocular tube and inter pupillary distance from 50 mm to 75mm. Vertical, Focusable for digital camera. 2. Microscope should have Anti fungus coated wide filed 10x paired FOV 18mm or higher eyepiece. 3. Microscope has a 1.25 N.A. bright field Abbe condenser with rack-and-pinion focusing, iris diaphragm. 4. Double plate mechanical stage size 140mm X 155mm having low positioned co axial controls on ball bearing and cross movement 55mm X 75mm, slow motion has 1div=0.002mm. 5. Co axial focusing system. PRE focusing lever and tension adjustment ring. 6. Magnification of 40x/100x/400x/1000x should be available. 7. Objectives Anti fungus coated Semi Plan objective 4x/10x/40x SL/100x oil SL; 8. Built in base illumination system with 3W LED bulb and adjustable brightness. 9. USB Digital Camera 5.0 Mega pixel color COMOS sensor, size ½", Pixel size :2.2X2.2micro M resolution. Capable to transfer image to PC with Image capture and measure software. 10. Complete with dust cover packed in Styrofoam packing 11. Certification ISO/CE
56.	Microscope (Binocular slide Microscope)	<ol style="list-style-type: none"> 1. Binocular siedentopf observation head inclined at 30° rotatable at 360° 2. Diopter adjustment ring on ocular tube 3. Inter pupillary distance from 55mm to 75mm 4. Anti fungus coated wide field Eyepiece 10X paired FOV 18mm 5. Anti fungus coated S-Plan Achromatic Objectives 4X, 10X, 40X SL, 100XSL oil 6. Co-axial focusing system. PRE focusing LEVER and Tension adjustment ring. 7. Double plate mechanical stage size 140mmX155mm having low positioned Co axial controls on ball bearing, The slow motion has 1div =0.002mm, Cross movement 55mmX75mm. 8. Sub stage condenser NA 1.25 swing out filter holder, 9. Built in base illumination system with 3W LED bulb and adjustment brightness. 10. Complete with dust cover packed in Styrofoam packing 11. Certification ISO/CE
57.	Microscope (Compound)	<ol style="list-style-type: none"> 1. Stand and Body: Ergonomic hexagonal shaped design for stability and comfortable usage. Aluminum die cast body with all critical movements

	microscope with photographic attachment)	<p>based on ball bearing. It should have a window in the arm section which would be useful for holding and carrying the microscope from one place to another. It must have storage box on back which makes full use of built in space of the body and can be used to store power cord conveniently.</p> <p>Trinocular Observation Head</p> <ol style="list-style-type: none"> 2. Siedentopf observation head inclined at 30° rotatable at 360°, 3. Vertical focusable phototube for Digital Camera 4. Diopter adjustment ring on ocular tube 5. Interpupillary distance from 48mm to 75mm 6. Infinity optical system Plan Achromatic Objective (Anti mold and Anti fungus coated) 7. Brand name of the manufacturer should be engraved on all the objectives. 8. 4X, 10X, 20X, 40X SL, 100X SL Oil with quintuple revolving nose piece with inward tilt. 9. Mechanical Body and Pre Focusing system : CO axial focusing system , pre focusing lever and tension adjustment ring. 10. Reverse angle quintuple nosepiece revolves on ball bearing. 11. Double plate mechanical stage has X & Y movement size 150mmX 140mm having low positioned co axials controls. 12. Eyepiece : paired wide field eyepiece of 10X having field of view of 22mm with diopter setting of ±5 13. Sub stage Condenser: Abe condenser with adjustable iris diaphragm (NA 1.25) 14. Illumination system: Brightness control knob with 3W LED Kohler illumination system 15. Comes complete with Dust cover, operating manual, guarantee card packed in Styrofoam molded pack. 16. System should have digital LCD Screen with inbuilt Digital Camera with given specification. 17. 9" high resolution TFT HD color display, Built-in HDMI Camera with 5.0 Megapixel resolutions, Pre loaded capture & measurement software, Full Resolution Image capture, Full Resolution video 30 FPS @ 1024x768, Output ports: one USB 2.0, TF Cam.
58.	Microscope (Compound student Microscope)	<ol style="list-style-type: none"> 1. Magnification: 40x to 400x 2. Stand: All metal constructed body with properly balanced, inclinable arm up to 90 degrees for easy viewing 3. Focusing: Separate coarse fine focusing knobs 4. Stage: Full square stage 112 x 112 mm size. 5. Illumination: Substage Mirror Attachment and L.E.D Substage 6. Attachment with Light Adjuster. 7. Nose piece: High quality triple nose piece with positive click stops 8. Objectives: 10x & 40/45x (S. L.) (all achromatic) 9. Eyepieces: High quality Wide-fields 10xWF & 15x WF 10. Condenser: Movable abbe type condenser with iris diaphragm
59.	Microscope (Dissecting Microscope)	Simple dissecting microscope with two eyepiece and revolving arm for good magnification (High eye point 10 X and 20 X, Stage 85mm x 75mm with glass Plate)
60.	Microscope (Stereo Zoom Binocular	<ol style="list-style-type: none"> 1. 45° inclined stereo zoom microscope with 360° movable with Trinocular tube for Microphotography camera. 2. Diopter adjustment ring on ocular tube. Interpupillary distance from 55mm

	Microscope With Dual Light Stand With camera)	to 75mm 3. Zooming Range and Ratio:- Zoom 0.7X to 4.5X with magnification ration of 1:6.4 with magnification : 7X-45X. 4. Working distance : 100mm 5. Mechanical Body : - Lateral Zoom control movement. 6. Incident 3W LED lamp. 7. Base size : 198mmX 250mm approx or higher 8. Illumination : Dual illumination system , Incident and transmitted light system with LED lamp and both lights has separate brightness controls . 9. USB Digital Camera :- 5.0 Mega pixel color COMOS sensor, size ½”, Pixel size : 2.2X2.2microM resolution. Capable to transfer image to PC with Image capture and measure software. 10. Comes complete with Dust cover, operating manual, guarantee card packed in Styrofoam molded pack.
61.	Microscope (Stereo Zoom Binocular Microscope With Dual Light Stand)	1. 45° inclined stereo zoom microscope with 360° movable with Trinocular tube for Microphotography camera. 2. Diopter adjustment ring on ocular tube. Interpupillary distance from 55mm to 75mm 3. Zooming Range and Ratio:- Zoom 0.7X to 4.5X with magnification ration of 1:6.4 with magnification : 7X-45X. 4. Working distance : 100mm 5. Mechanical Body : - Lateral Zoom control movement. 6. Incident 3W LED lamp. 7. Base size : 198mmX 250mm approx or higher 8. Illumination : Dual illumination system, Incident and transmitted light system with LED lamp and both lights has separate brightness controls. 9. Comes complete with Dust cover, operating manual, guarantee card packed in Styrofoam molded pack.
62.	Microscope (Stereo zoom trinocular Microscope)	1. Ergonomical observation Trinocular head inclined at 45°rotatable at 360°. 2. Diopter adjustment ring on ocular tube and inter pupillary distance from 54 mm to 76mm. 3. Vertical Phototube for microphotography. 4. Microscope should have wide filed 10x paired FOV 22 mm eyepiece. 5. Zoom range and ratio: zoom 0.7 X or higher to 4.5 X with magnification ratio 1: 6.4. 6. Magnification range: 7X to 45X or higher with working distance: 100 mm . 7. Lateral zoom control movement. Incident and Transmitted light 3W LED with intensity control knob. On/off switch. Clip for holding specimen. 8. Base size is 240 mm X 280mm or higher size. 9. To work on 220 V 50Hz power supply 10. System should come with Operating manual, Dust cover, cord and plug.
63.	Microscope (Stereoscopic microscope with photographic attachment)	Trinocular Observation head inclined at 30° Diopter adjustment ring on both ocular tube Interpupillary distance from 55mm to 75mm Lateral tube for digital Camera Mechanical Body : Track stand with co axial focusing mechanism and large fan type base. Lateral zoom control movement . Clips for holding specimen Eyepiece (Anti fungus) wide field 10X paired FOV 22mm

		<p>Zooming Range and Ration : Zoom 0.8X to 8X with magnification ration : 1:10 Plan achromatic Objective 1X. Magnification Range : 8X to 80X Working distance : 78mm Base size : 270X250mm Illumination system : Incident and transmitted light systems with LED lamps. Both light are regulate with power supply and has separate brightness control.</p> <p>Comes complete with Operating manual , dust cover, guarantee card and Styrofoam molded pack. System should have digital LCD Screen with inbuilt Digital Camera with given specification. 9" high resolution TFT HD color Display, Built-in HDMI Camera with 5.0 Megapixel resolutions, Pre-loaded capture & measurement software, Full Resolution Image capture, Full Resolution video 30 FPS @ 1024x768, Output ports: one USB 2.0, TF Cam.</p>
64.	Moisture box	<ol style="list-style-type: none"> 1. Material –Aluminum 2. Size-4 cm height and 11 cm diameter
65.	Moisture meter (Electronic)	<ol style="list-style-type: none"> 1. Complies with standard for digital moisture meter: IS 8824-(Part-I)-1978. 2. Moisture Meter-AGRO is tested & calibrated as per this IS. 3. Moisture Measuring Range: 0 % to 50 % moisture. 4. Moisture Sensitivity: 0.1 % 5. Measurement Accuracy: +/- 0.2 % 6. Display : LCD 7. Temperature compensation : Automatic 8. Sample Size: Approximately 250 CC. 9. Size of the Meter: 150 mm height -150 mm width-160 mm depth (Approx.) 10.Measurement Time: One Sample per minute approximately. 11.Power Requirement: 9 Volt Battery 12.Certifications: CE, ISO and GMP 13.Customized Calibration can be provided for Cereals, Pulses, Oil Seeds, and Vegetable Seeds etc. on request.
66.	Moisture meter (Hand)	<ol style="list-style-type: none"> 1. Moisture Measuring Range 5% to 40% 2. Resolution 1% 3. Accuracy ±1% 4. Power Source: Battery Operated
67.	Nano Drop	<ol style="list-style-type: none"> 1. Sample volume- 0.5 µl. 2. Sample Number – 1 3. Path Length: 1 mm (Auto ranging to 0,05 mm). 4. Light source- Xanon Flash Lamp. 5. Detector Type – 2048 – element linear, Silicon CCD array. 6. Wavelength range – 190 – 840 nm. 7. Wavelength Accuracy 1 nm. 8. Spectral Resolution & It; 1.8 nm (FWHM at HG 253.7 nm). 9. Absorbance Precision: 0.002 (1 mm path). 10. Absorbance Accuracy: 2% (at 0.76 absorbance at 257 nm).

		<ol style="list-style-type: none"> 11. Absorbance Range: 0.02 – 300 (10 mm equivalent). 12. Detection limit: 2 ng/ μl (ds DNA). 13. Maximum Concentration: 15000 ng/ μl (dsDNA). 14. Measurement Time: & It: 5 Seconds. 15. Footprint: 14 x 20 cm. 16. Sample Pedestal – Material of Construction - 303 stainless steel and quartz fiber. 17. Operating Voltage – 12 vdc. 18. Operating Power Consumption: 12-18 W (Max. 30 W). 19. Standby Power Consumption: 5 W. 20. Software Compatibility – Windows XP and Vista™ (32 or 64 bit). 21. Increase dynamic range for dilute samples (e.g. to 0.4ng/ μl for sDNA). 22. Support for kinetics experiments. 23. OD Measurements for bacterial cultures. 24. Built-in stirring capability. 25. Temperature control at 37°C. 26. Pre-Programme methods for: ssDNA, dsDNA, RNA, oligoDNA, oligoRNA, microarray (fluorescently labelled nucleic acid), Protein. (A280), Protein A205, Protein Colorimetric (Bradford, BCA, Lowry and Pierce™ 660), Protein & amp; Labels (Labelled Proteins), OD 600, Kinetics, Custom Methods, UV-Vis Wireless capabilities should include: Bluetooth for connecting a keyboard and mouse. Wi-Fi Network connection for exporting and archiving data to a server. 27. The spectrophotometer should be supplied with branded compatible computer system with Licensed Windows Professional Software.
68.	Ocular and stage micrometer	<p>0.1mm High Precision Ocular Micrometer+0.01mm Stage Micrometer Microscope Micrometer</p> <ol style="list-style-type: none"> 1. Material: Glass 2. 19 mm diameter 3. 10 mm linear scale (100 division) 4. Least Count: 0.1mm
69.	Oostenbrink elutriator	<p>Use: device used to extract nematodes from soil samples</p> <ol style="list-style-type: none"> 1. Size/ Dimensions: 450 mm wide, 450 mm deep, and 1100 mm high 2. Sieve: 1 mm mesh width 3. Water supply: 13 mm hose nozzle (Water tap with hose nozzle on site) 4. Water flow: 40 l/h spraying nozzle and 60 l/h perforated ring chamber 5. Water inlet: 2 flow meter 0-250 l/h (2 membrane adjusting valves, 6. Body: Plexiglass, 7. Stand: PVC (Stainless steel) 8. Cleaning: Shower head and bottom valve 9. Standard equipment: 2.5 m connection hose with water filter and hose clamp, 1 stainless steel rinsing sieve, and holding devices for laboratory sieves 10. Laboratory sieves \varnothing200, mesh width 160 - 450 μm wall mount kit. 11. Capacity: capable of extracting soil samples of 100 to 250 ml volume.

70.	pH meter	<p>Micro controlled based</p> <ol style="list-style-type: none"> 1. pH Range: 0.00 to 14 .00 pH 2. MV Range: 0 to 1999.9 ±1mv 3. Temp Range: 0 to 99.9°C automatic compensation & 0-100 °C manual 4. Resolution: 0.01 pH, in pH range, 0.1 mv in mv range & 0.1 °C in Temp.Range 5. Calibration: 2/ 3 point 6. Display: 20 x 4 Alpha Numeric LCD 7. KEY BOARD: 6 Key Operation 8. Power: 230V., 50 Hz 9. Standard Accessories : Combine Electrode, Electrode Holder, Stand, PT 100 Sensor
71.	Places Rotor for Spin win	<ol style="list-style-type: none"> 1. Capacity: 5 x 250 µl 2. Features: Places-2
72.	Sample Processing Board/Plant Press	<ol style="list-style-type: none"> 1. Size occupying standard herbarium sheet of 40 cm x 30 cm 2. Made up of MDF Wood duly polished 3. Label size of 12 x 8 cm 4. With Screws and Tightening Nuts, Cork Sheets Inside for Pressing and Drying Plant Specimen
73.	Seed analysis kit	<ol style="list-style-type: none"> 1. Seed/ Analysis Kit 12000.00 Comprises of 1 Na Dispensing Balance, 2. 1 No. Hand Magnifier (4" dia), 3. 1 Set of Parkhi (9". 12 14'). Scoop Set, 4. 1 No Enamel Plate (12"Dia). 5. 1 No Plain husker. Measuring Cylinders (10 cc. 50 cc. 100 cc). 6. 1 No. Brass Seed caliper, 7. 1 No Petri dish packed in compact bile(case specially designed for Seed/Grain inspectors.
74.	Seed cum Fertilizer Drill	<p>Type of furrow opener: Shovel (reversible) ,Number of furrow openers: 9 ,Row spacing (mm): Adjustable (200-450), Type of seed metering mechanism: Agitator type, Type of fertilizer metering mechanism: Agitator type , Diameter of ground wheel (mm): 300 (Min.), Seed/fertilizer hopper sheet thickness (mm): MS 1.0 (Min.) GI 0.63 (Min.) ,Thickness of seed/fertilizer tubes(mm): Transparent plastic tubes with 2.5 mm (Min.) , Material of furrow opener: High Carbon Steel EN42j / Boron(28MnCrB5) , Hardness of furrow openers, HRC: 36 (Min.) ,Provision for adjusting the row spacing: Must be Provided, Provision for adjusting depth of seed and fertilizer: Must be Provided, Provision for adjusting the seed/fertilizer rate: Must be Provided, Provision of transparent seed/fertilizer tubes: Must be Provided, Provision of metallic calibration plate: Must be provided , Seed and fertilizer rate adjustment, Kg/ha: Max. 125 and 500 for seed and fertilizer respectively, Marking/labelling of machine: The labelling plate should be riveted on the body of machine having name & address of manufacturer, country of origin, make, model, year of manufacture, serial number, size, required size of prime mover (kW/HP), Provision of printed literature: Operator manual, Parts catalogue and Service/ Workshop manual</p>
75.	Seed germinator	<ol style="list-style-type: none"> 1. No. of Chamber : Two 2. Capacity: Each Chamber 10 x 2 CFT

		<ol style="list-style-type: none"> 3. (280 + 280 Liters) 4. Size Each Chamber: 56x56x86 Cm (WxDxH) 5. Inside Chamber : Stainless Steel 6. No. of Trays : 6 Adjustable SS perforated trays 7. Outside Chamber :M.S Sheet Powder Coated 8. Temperature: 10⁰C - 50⁰C + 1⁰C 9. Humidity approx. 90-95 percent 10. Display: 32 character alphanumeric LCD Display 11. Light: LED lights for lighting 12. Compressor : Hermetically sealed type of standard make 13. Evaporator: Finned Tubes facilitates uniform and faster cooling effects. 14. Backup: Data Logging Facility to record 1000 readings 15. Programming: User friendly programming for temperature, humidity and light levels with time steps 16. Operating Voltage : 220V, 50Hz AC with electric controlled voltage stabilizer supply separately. 17. Control Panel: Control Panel is given at the top of chamber having ON-OFF switch three indicators for main cooling and heating, temp. setting knob
76.	Shaker (Rotary)	<ol style="list-style-type: none"> 1. Body made out of thick mild steel finished with powder coating. 2. PMDC motor used for shaking 3. Power: AC 220V/110V 50HZ/60HZ 4. Speed: 0-360rpm (digital display) 5. Amplitude: 20mm 6. Mode: rotary 7. Power of electric motor: 120w 8. Time range: 0-99minutes 9. Storage: 250MLx20 10. Size: 50x38x22cm
77.	Sieves	<ol style="list-style-type: none"> 1. Material: brass, SS or phosphor bronze wire mesh, Joint less construction 50 um, 37 um and 25 um respectively. 2. Full 2 in height and 8 in. diameter test sieves Meet BSS and ASTM standards Accurate even after years of use 40 cmx40cmx90 cm pit size. 3. Particle size: 4, 8, 16, 30, 60, 100, 200, 300, 350, 400, 500 mesh.
78.	Soil & Plant Sample grinder Machine	<p>Non Digital</p> <p>Grinder cover and body from alloy steel casting</p> <p>160 mm Grinder Room, Grinding with a dynamic balanced 3-group hammer rotor made of special alloy steel, Strong grinding of hammers with a moving balance to the center, Efficient grinding with grinder loading bunker on stator steep cover, The user is protected with installation bunker cover, Prevents dust with a direct-contact rotor to the motor and extends engine life 20*40 mm (+-5 mm) grinding bunker feed input ensures the appropriate samples, On demand, digital production, Efficient grinding with 1.1 kw, 3000 d/d engine 220volts-50hz.</p>
79.	Soil auger	<ol style="list-style-type: none"> 1. Length: 1.2m 2. Handle length: 39cm (7cm blade), 50cm (10cm blade) 3. Blade diameter: 7 / 10cm

		<p>4. Blade length: 23cm (7cm blade), 27cm (10cm blade)</p> <p>5. Weight: 1.64kg (7cm blade), 2.64kg (10cm blade)</p> <p>6. Material: : Iron steel</p>
80.	Soil saturation paste extraction assembly (6 place) with all accessories	<p>Buchner funnel: diameter size 125 mm, porcelain and superior quality</p> <p>Filtration flask :500 ml capacity and conical shape with glass connection suitable for vacuum use</p> <p>Rotary high Vacuum Pump: 0.5 HP, electrical requirement: 220- 240 V. AC, single phase</p> <p>Silicon rubber tubing 8.0 mm and other accessories</p>
81.	Soxhlet Unit for fat/Oil estimation	<p>Instrument should based on official 'RANDALL' method accepted by AOAC, GLP, ISO, DIN have capability to perform unattended operation and microprocessor programmable based solvent recovery system.</p> <p>All materials should in contact with solvents with suitable Polytetrafluoroethylene (PTFE)</p> <p>high grade material in the solvent area.</p> <p>Sample: 10 samples at a time.</p> <p>MOC: Epoxy painted stainless-steel structure to prevent corrosion</p> <p>Sample Volume: 0.25 to 10 gm depend upon the sample. Vessel Capacity: 125-150 ml Volume</p> <p>Heater : High grade ceramic Inbuilt Infrared Heaters With Heat reflector SS Splash late Microprocessor Based Graphical LCD Display System read out for Temperature & Time, Date, Real Time</p> <p>Accuracy: $\pm 1\%$, Reproducibility : $\pm 1\%$ Relative at 5% - 30 % Oil/Fat</p> <p>Measuring Range: 0.1 to 100% Oil/Fat</p> <p>Inbuilt Graphical LCD Display System read out of sample selection library</p> <p>Temperature Control Range: 350 ° C, Temperature Accuracy: $\pm 0.1^\circ$ C.</p> <p>Time Selection 1 to 999 Minutes 1 minute step preferable USB & RS 232 provision for PC Compatible.</p> <p>100 Intelligent user storage program more than 12 Desire Ramp/Sequence steps</p> <p>Auto sequence extraction with auto phase changeover of boiling, condensation, rinsing</p> <p>and recovery phases, Auto Alarm for recovery phase, Auto switch at end of extraction procedure, lifting of thimbles to cooling position and shut-down User interface for up gradation of software</p> <p>Solvent Recovery: 80 -85 % depend upon the sample</p> <p>Microprocessor Programmable Automatic collection of recovered Solvent with optical sensor to prevent over flowing of solvent Extraction beakers & Nitro Cellulose thimble Size : (33 mm dia X 80mm L) or more Speed of extraction 30 - 60 min depend upon sample</p> <p>Thimble holder supplied with the system for use of minimum 3 types of thimble capability of expansion to 24 sample with single controller/software.</p> <p>Facility for username and password protection.</p> <p>Lifting of thimble within the beaker in case of power failure.</p> <p>Warranty: 3 Years.</p> <p>Safety Features</p> <p>Auto door lock and sealing during extraction. Auto over- temp. Control protection</p>

		<p>facility.</p> <p>Warning sign Adequately displayed in Digital display</p> <p>Auto calibration of heating temperature,</p> <p>Acoustic and Visual Error Indication and Sensor Break.</p> <p>Auto heater cut-off facility with indicators to save the power.</p> <p>Auto alarm for user's attention</p> <p>Password Login Features, Automatic sample Cooling Facility after Digestion Completion.</p>
82.	SPINWIN microcentrifuge	<p>Small foot print</p> <p>Independent ON/OFF switch</p> <p>Fixed speed of 6000 RPM/2000g</p> <p>6 place rotor for 1.5 ml tubes</p> <p>2 place rotor for 8x0.2 ml tube strips</p>
83.	Spectrophotometer (Double Beam Spectrophotometer)	<p>Double Beam UV-VIS Spectrophotometer</p> <p>Parameter Specification</p> <p>Type UV-Vis Double Beam Spectrophotometer</p> <p>Source Deuterium lamp and tungsten halogen lamp</p> <p>Detector Two-Photodiodes</p> <p>Grating Holographic diffraction Grating -1200mm lines/mm</p> <p>Automatic function a) Automatic lamp section b)</p> <p>Automatic wavelength selection, filter selection</p> <p>c) Automatic Dark correction d) Automatic Cuvette Selection- Five position e) Automatic Base line calibration</p> <p>Range of operation Wavelength: 190 nm to 1100nm Photometric</p> <p>Absorbance: Up to ± 4.0 Abs Transmittance: 0 to 100 %T</p> <p>Bandwidth 1.0 nm</p> <p>Resolution 0.1 nm, 0.001 Abs & 0.1 %T</p> <p>Measurement mode %T, Abs, Concentration (By K-factor, BY standard, or BY saved Standard), DNA and Protein analysis, Multicomponent analysis, Fluoride analysis, Nitrate analysis, And Time Scan</p> <p>Path length Default 10 mm path length, compatible with 20 mm, 40 mm, 50 mm & 100 mm</p> <p>Accuracy Wavelength: ± 0.5 nm Absorbance: ± 0.005 Abs Transmittance: $\pm 0.5\%T$</p> <p>Display In-built Display LCD</p> <p>Touchscreen (1200x 800 Resolution)-Multitouch Size- 10.1 Inch</p> <p>Other parameters Total Memory: 128 GB Printer port: External Support All printers supporting windows 10 or Higher version</p> <p>PC connectivity: YES, through USB Other connectivity: Wi-Fi And Bluetooth</p> <p>Operating system Windows 10 or Higher</p> <p>Power supply 230 V\pm 20 volt and 50Hz</p> <p>Operating temperature 8 – 48 degree Celsius</p> <p>Operating humidity 40 to 85 %</p> <p>Accessories 2 number cuvette, pen drive, USB cable, Manuals</p> <p>Password Protection Yes</p> <p>Administrator and User Login Yes</p>

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		Audit Trial Yes Provision for organization name, Chemist name & Instrument ID Yes Inbuilt Debug Software Yes Warranty 3 Years	
84.	Spectrophotometer (Single Beam UV-VIS Spectrophotometer)	Parameter	Specification
		Type	UV-VIS Spectrophotometer
		Source	Deuterium lamp and tungsten halogen lamp
		Detector	One-Photodiode
		Grating	Holographic diffraction Grating -1200mm lines/mm
		Automatic function	a) Automatic lamp section Automatic wavelength selection, filter selection c) Automatic Dark correction Automatic Cuvette Selection- Five position
		Range of operation	Wavelength: 190 nm to 1100nm Absorbance: Up to + 4.0 Abs 100 %T
		Bandwidth	1.0 nm
		Resolution	0.1 nm, 0.001 Abs & 0.1 %T
		Measurement mode	%T, Abs, Concentration (By K-factor, BY standard, or BY saved Standard), DNA and Protein analysis, Multicomponent analysis, Fluoride analysis, Nitrate analysis, And Time Scan
		Path length	Default 10 mm path length, compatible with 20 mm, 40 mm, 50 mm & 100 mm
		Accuracy	Wavelength: ± 0.5 nm Absorbance: ± 0.005 Abs $\pm 0.5\%T$
		Display	In-built Display LCD Touchscreen (1200x 800 Resolution)-Multitouch Size- 10.1 Inch
		Other parameters	Total Memory: 128 GB Printer port: External Support All printers supporting windows 10 or Higher version PC connectivity: YES, through USB Other connectivity: Wi-Fi And Bluetooth
		Operating system	Windows 10 or Higher
		Power supply	230 V \pm 20 volt and 50Hz
		Operating temperature	8 – 48 degree Celsius
		Operating humidity	40 to 85 %
		Accessories	2 number cuvette, pen drive, USB cable, Manuals
85.	Spectrophotometer (Visible Spectrophotometer)	Micro-controller based Graphic LCD 340 – 1100 nm Range %T, Abs, Conc. (K factor, Multi standard) measuring modes Single Wavelength, Multi Wavelength, Scan, Time Scan, Online measurement	



		<p>facility</p> <p>2 nm Bandwidth</p> <p>Data stored for each operating mode</p> <p>Single Position 50 mm Cuvette Holder (Optional)</p> <p>Warranty: 3 years</p>
86.	Spectrophotometer Cuvette	<ol style="list-style-type: none"> 1. Quartz cuvette 2. Shape: Rectangular 3. Capacity: 3.5 ML 4. Temperature: 35 °C 5. Material: Plastic
87.	Strip cup for Mastitis	<ol style="list-style-type: none"> 1. Material: Plastic 2. Colour: Blue, Grey 3. Finishing: Matte 4. With Handle: Yes 5. Wash Instruction: Wash Easily with Warm Water
88.	Thermometer	Digital Thermometer
89.	Vertical Autoclave	<ol style="list-style-type: none"> 1. Used for sterilization under saturated steam pressure at any selected point between 5 to 22 p.s.i. (adjustable) 2. These double walled units have inner chamber (Boiler) made of stainless steel (SS-304 grade). Precise De-greased & Pre located outer SS-304 sheet chamber duly powder coated & painted. 3. Micro Processor based Automatic Control System for Pressure, time and temperature settable by user. 4. Thick stainless steel lid is tightened by radial locking system and can be lifted through a pedal lifting device for user comfort Better mineral / glass wool 5. Insulation keeps the surface Temperature normal & avoid heat / steam loss. Systems are hydraulically tested up to 40 p.s.i., as a Safety Measure Fitted with joint less neoprene rubber gasket. Drain Valve facilitates easy cleaning of the chamber. Automatic low water Cut off Device/ with Alarm Pressure control switch Space between boiler and outer shell works as air insulation 6. Model ATL/AT3 7. Interior (mm) 550 x 350 8. Heater "w" Wattage 3 KW 9. Basket 1 no.
90.	Water Bath	<ol style="list-style-type: none"> 1. System should have constant mixing for even temperature distribution in the working volume and increased heat transfer. 2. System should provide stable temperature maintaining in the range from +30° to +100°C. 3. System should be applicable for medical, ecological monitoring and food control laboratories as well as in scientific research and microbiology laboratories. 4. System should have a stainless steel bath having capacity of approximately 8 L. 5. Dimension of the system should be 280x390x270 mm. 6. System should operate at 220-240V, 50/60 Hz 7. System should have LED display. 8. System should have an optional feature of flowing water cooler for extending

the temperature range.

Category B

S. No.	Name of Equipment	Specification
1.	Animal Ear Tag Applicator	<ol style="list-style-type: none"> 1. Size: 242 x 70 mm (W x H) 2. Material: Polyurethane, Die cast Aluminum 3. Usage/Application: Animals 4. Weight: 359 gm
2.	Animal Tattooing Machine	<ol style="list-style-type: none"> 1. Material: Stainless Steel 2. Spare Part: Ink, Letter, Numbers 3. Length: 21 cm 4. Weight: 610 g
3.	Artificial Vagina Set	<ol style="list-style-type: none"> 1. Application: Semen Collection 2. Material: Rubber 3. Size: 14 Inch 4. Dimension: 30.48 x 10.16 x 7.62 cm 5. Automation Grade: Manual 6. Weight: 1.5 kg 7. Transparent: Non Transparent 8. Shape: Cylindrical
4.	Atterberg's limits apparatus	<p>Atterberg Limit Test Kit includes-</p> <ol style="list-style-type: none"> 1. Liquid Limit Device- 1 set. 2. Plastic Limit Device - 1 set. 3. Shrinkage Limit set - 1 set. <p>The complete set consists of one each:-</p> <ol style="list-style-type: none"> 1. Glass plate 20 cm x 15 cm having ground ends and one side frosted. 2. Brass or stainless steel rod 3 mm dia x 150 mm long. Flexible spatula. 3. Set of 6 moisture containers. 4. Porcelain basin 150 mm dia. <p>Plastic wash bottle 500ml.</p>
5.	Automatic Digestion & Distillation unit for Protein Estimation	<p>Microprocessor based Nitrogen Distillation Apparatus. Graphite block for longer life after special anti-oxidation processing and for more uniform heating. Infrared heating and high-purity graphite conduction. Set time intervals between 1 and 1000 minutes or better. Inbuilt add-on stand by safety PID controller for heater and block protection apart from main microprocessor based PLC controller. Block digestion systems with high-quality corrosion-resistant block housing made of stainless steel. Manual or with automatic lift. High-efficiency heating and extraction hood with exhaust collector. Digestion vessels with 100 mL volume (20 sample slots/position or more). Temperature range: 50-450°C (should have advanced PID temperature control technology and display colour screen should have 5" or more for digestion), temperature should be precise, with a repeatability of 1°C. Power: 1500W. Suction filter pump and hose for fume removal. Suction assembly wall mounted on rear side of unit for safe and easy access to drain area. Six Macro digestion tube (250 ml or more), SS Insert rack, exhaust manifold system with Teflon adaptors, cooling support. Three stage acid</p>

		neutralizer scrubber with MS outer cover. Auto sequencing microprocessor based PC compatible distillation system with in-built software with programmable steps. Distillation capacity: 15-20 samples /hr with >99.5% nitrogen recovery. Automatic and accurately dispense alkali and boric acid solution. Automatic or manual filling mode is optional according to test need. Automatic alkali pipeline washing function. Steam addition for equilibrium: 0-15 seconds. Should have diaphragm pumps for accurate volumetric dispensing of reagents. Adjustable steam power from 10-100% suitable for varied applications. Distillation temperature monitoring provision to ensure real time monitoring of temperature of distillate thereby ensuring accuracy of results. Necessary accessory and peripherals necessary for working need to provide with the distillation unit. Measuring range: approx. 0.01mg-240 mg Nitrogen or better. Recovery: $\geq 99.5\%$. Sample capacity: solid $\leq 6g/sample$, liquid $\leq 16mL/sample$ for distillation/analysis of protein. Distillation speed: 3-6 min/sample. Cooling water consumption: 1.5 L/min. Operating mode: Manual &/ automatic mode. Display modes: 4LCD screen or more. Electrical requirement: 230 V/50 Hz.
6.	Automatic Fat Estimation Apparatus	Fully programmable 6 positions solvent extraction system for Oil/ Fat extraction with 4 or more stage extraction viz., Boiling, Rinsing, Solvent recovery and auto shut down steps. Integrated at least 4" led screen on the system should be available. Abundant interface contents give simultaneous display of given temperature, actual temperature, given time and heating time. Sample pre-set should be available. Timer function should be available. Microcomputer control system should be adopted. Should be able to use both, high boiling point solvents, such as Toluene and Xylene or low boiling points solvents such as Petroleum fractions. Sample weight capacities should be 0.5 – 15 gms. Minimum quantity of solvent required per extraction is 50 ml. Can be increased up to over 140 mL depending on application. Up to 80% of solvent is recoverable at the end of the cycle. Thimble diameter should be more than 25 mm to ensure representative sample quantity. Supported sample size of over 60 ml. Measuring Range: 0.1-99.9 % Fat., Temp. Range: 0-285°C and heating time should be under 10 minutes to reach the 285°C. For smooth extraction, a mechanical spring arrangement should be used to lift the thimbles, avoiding the use of compressed air. Electrical requirement: 230 V/50 Hz. Triple alarms i.e., sound, light, led screen word prompts should be available.
7.	Basket Centrifuge	Design and connection as per IS/API/BIS.3 point / 4 Point anti-vibration suspension, alternatively. VISCO damper suspension. Gas tight up to 0.04 bar over pressure. With lip or glide ring seals. Cake Removal by Bag lifting/ Manual Scrapping/ Pneumatic top discharge / or Bottom discharge. Grease lubricated bearings. Oil lubrication for demanding use in chemical industry. Hydraulic Variable speed drive for direct coupling, through V-Belts. Through cake wash. Discharge with negligible crystal breakage. Residual heel removal
8.	Block Digestion System	<ol style="list-style-type: none"> 1. Temperature Range: Ambient to 400°C 2. Resolution: 0.1° C 3. Display: Digital 4. Heater Rating: 1500 Watt/ 07 Amp/220 Volt 5. Timer: 999 min



		6. Hole Size: 100-150 mm depth X 38mm die 7. Block Dimension: 280X165X70mm
9.	Boiler Models for Lab Demonstration (Babcock & Wilcox Boiler Model, Lancashire Model and Locomotive Boiler Model) one each	Babcock & Wilcox Boiler Model: This water tube boiler model is about one meter long, 28 cm wide, and 77 cm high. It has a super heater, inclined water tubes, and a shell that's 15 cm in diameter and 75 cm long. The model also comes with a stop valve, safety valve, water gauge, steam gauge, manhole, mud hole, regulating draught door, damper with counter weight, and chimney. Locomotive Boiler Model: This model is designed to help you understand how a locomotive steam boiler works. It's about 100 cm long, 45 cm high, and 35 cm wide. The model includes a whistle, steam dome, safety valve, check valve, steam regulator, water gauge, and steam gauge. Lancashire Boiler Model: This model is about one meter long, 37 cm wide, and 45 cm high. It has a dead weight safety valve, manhole, mud hole, check valve, high steam and low water safety valve, steam and water gauges, regulating draught doors, dampers with counterweights and a chimney.
10.	Brooder machine	<ol style="list-style-type: none"> 1. Brooding Area Coverage-1000 birds / per heater 2. Brooding Capacity-1000-1500 3. Electric Consumption-2 kwh 2000 watt 4. Input Type-Thermocouple
11.	Bull Nose Ring	<ol style="list-style-type: none"> 1. Material: Steel 2. Colour: Steel 3. Type: Bull Ring 4. Dimensions:3X8X3cm
12.	Burdizzo Castrator	<ol style="list-style-type: none"> 1. Application: Animal Castration 2. Material: Stainless Steel 3. Size: 19" 4. Automation Grade: Manual 5. Finishing: Smooth 6. Grade: 410 7. Handle Material: Stainless steel 8. Is It Transparent: Non Transparent 9. Country of Origin: Made in India
13.	Butyrometer for fat test	Made of borosilicate glass, plain neck or ring neck, closed bulb with a frosted label, without stopper
14.	Calf milk feeding bottle	<ol style="list-style-type: none"> 1. Material: Plastic 2. Volume: 2 Litre 3. Weight: 0.35 kg/0.4 kg 4. Usage: Cattle, cow, calves, animal
15.	California Mastitis Test Kit (CMT) including Paddle - 500ML	<ol style="list-style-type: none"> 1. Paddle: With Paddle 2. Pack Type: Box 3. Result Time: 12 Seconds 4. Used For: SCM Cowside Test 5. Shelf Life: 24 Months 6. Result Type: Qualitative 7. Material: Plastic

		8. Usage: Detection of Sub Clinical Mastitis 9. Bottle Capacity: 500 ml
16.	Cattle Ear Tag Applicator	1. Length: 23.5 cm 2. Usage: Cattle Year Tag 3. Material: Aluminum Alloy 4. Weight: 250 g
17.	Cattle Ear Tags – Plastic	1. Size: 7.5*6 cm/7.5*9 cm 2. Colour: Yellow, green, orange 3. Material: TPU 4. Weight: 8.0 g/set
18.	Cattle Electric Dehorner	1. Suitable: Cattle, cow, sheep etc. 2. Material: Copper heating rod, ceramic inner, stainless steel cover 3. Size: 16 cm 4. Weight: 1.1 kg 5. Voltage: 220V, 500W 6. Wire length: 1.4 m
19.	Cattle Iron Branding (Only Single)	1. Material: Iron 2. Product Type: Veterinary 3. Grade: Surgical Grade Product
20.	COBB Tester	To check the water absorption property of different paper and paper based packaging materials such as paper, paperboard, corrugated fibre board etc. Test area: 100 cm ² with measuring cylinder for pouring 100 mL water. User friendly tilting device with no water-spillage system. With mild steel couch roller of 10 Kg, rubber mat, test sample (blotting paper). Usage/ Application: Laboratory. Should confirm ISO 535.
21.	Cow Grooming Brush	1. Colour: Black 2. Shape: Round 3. Bristle Material: Nylon 4. Handle Material: Rubber
22.	Crusher	1. Type-Electric Driven Fruit Crusher 2. Number of Rotor Blade in one Cycle--13 3. Material of Stand-- Mild Steel 4. Handle Material-Stainless Steel (304) 5. Production Capacity (Kg/Hour)--301-350 6. Motor Warranty (In Year)-1 7. Unit Warranty (In Year)-1 8. Capacity of Hopper (Kg)-15 9. Length, Width and Height of Hopper (in MM)-12 10. Height of Stand (in MM)-15 11. Length of Rotor (in MM)-4 12. Diameter of Rotor (in MM)-4 13. Length of Blade (in MM)-6 14. Space Between Two Blades (in MM) -2 Diameter of Rotor Wheel for Rotating (in MM)--6
23.	Debeaker	1. Equipment Use: Debeaking

		<ol style="list-style-type: none"> 2. Bird Type: Chicken 3. Usage/Application: Poultry Farm 4. Operation: Beak/Trim 5. Electric Volt: 60*240 6. Power Source: Electric 7. With Stand: No
24.	Debeaker (Chicken Debeaker)	<ol style="list-style-type: none"> 1. Bird Type: Chicken 2. Material: Steel 3. Power: 300W 4. Voltage: 220V 5. Usage/Application: Poultry Farm
25.	Dehorner (Electric Dehorner)	<ol style="list-style-type: none"> 1. Application: Used to Remove Horns from Large and Adult Cattle. 2. Material: Stainless Steel 3. Automation Grade: Semi-Automatic 4. Grade: 304 5. Power Source: Electrical 6. Wattage: 5W 7. Voltage: 120V
26.	Digital Bursting Strength Tester	Should be designed to find bursting strength of fabric/ leather/ paper/paper board & corrugated box. Bursting Strength displayed on gauges for greater accuracy. Available two pressure gauges. Change over from one gauge to the other by a simple switch. Compact Economical. Single push button operation. Manual clamping. Direct Display of Readings Digitally. Range from 0 - 50 Kg. Should have digital models with pneumatic clamping & microprocessor-based models.
27.	Digital Melting Point	Cylindrical Silicon Oil Bath. Built-in Magnetic Stirrer with electronic speed controller. Electronic Controller for adjusting the heating rate. Digital Display of Temperature. Glare-free back-ground light with adjustable light Intensity. Provision for holding the melting point display. Temperature range: up to 300°C. Resolution: 0.1°C. Display: 3 Digit LED. Heating Rate Control: Electronic. Stirrer Speed Control: Electronic. Should have temperature sensor
28.	Digital Tensile Strength Tester	To check the strength of different packaging materials such as plastic, paper, tec. Material: Mild steel. Phase: Single phase. Voltage: 220 V AC single phase. Capacity: 500 Kgf. Display type: Digital. Testing speed: 100-300 mm/min. Accuracy: 100 g. Usage/ Application: Laboratory. Display parameter: Strength, elongation.
29.	Dissection tray with wax	<ol style="list-style-type: none"> 1. Material : Thick GI with rust proof/SS304 2. Shape: Rectangular with flattened edges 3. Color: Natural/GI color 4. Uses: Insect collection 5. Size 30 x 20 x 5 cm
30.	Electric milk fat testing centrifuge machine	<ol style="list-style-type: none"> 1. Weight: 6 Kg 2. Material: MS 3. Capacity: 8 test and 12 test 4. Test Time: 0-5 Min 5. Max Speed: 100-5000 rpm
31.	Elemendorf Tearing	To check the tearing resistance of different packaging materials such as plastic,

	Tester	paper, paperboard etc. Material: Mild steel. Phase: Single phase. Voltage: 220 V AC single phase. Dimension: 600×450×600mm. Display type: Digital. Control mode: Manual. Usage/ Application: Laboratory.
32.	Falling Dart Impact Resistance Tester	To check the falling dart impact resistance of thermoplastic films. Material: Mild Steel. Phase: Single phase. Power: 220 V, 50 Hz. Dimensions: 415×500×2153mm. With stainless steel detachable masses. Usage/ Application: Laboratory. Should confirm BIS certification.
33.	Feed and Forage Analyzer	Parameters: Analysis of Fat, protein, moisture, ash, starch, crude fiber and colour. 1. Wavelength Range: 400 - 2500 nm 2. Detector: Silicon Photodiode 3. Weight: 27 kg 4. Voltage: 240 V AC 5. Degree of protection: IP 65 6. Analysis time: <1 minute for 32 scan
34.	Food Processor with Mixer Grinder and Juicer	Wattage 600 W, 22000 RPM, Motor Heavy duty 3 Jars, ideal suitable for grinding and mixing and juicing of various kitchen items with all standard accessories including work bowl, lid, chopping blades, mixing blades and disks for slicing and shredding. Voltage: 230-50Hz
35.	Freeze Drier (Lyophilizer)	The system should be Microprocessor Controlled Laboratory scale freeze dryer with suitable vacuum pump and facility for lyophilizing the products in vials and ampoules, sealing under vacuum. The system should be sterilizable freeze-dryer as it may be used for bacterial samples. The system should be upright stainless steel PTFE coated collector coil and should be able to hold 5 Liters of ice before defrosting. The system should have digital display. The digital display should be clear, easy to read LCD/LED touch screen to display all the parameters and alarms. Condenser temperature should be: -50°C to -80°C. The system should be compact bench-top model. The system should have Real time display of collector temperature, vacuum level etc. The system should have Operating mode both standby or run. The system should have Data logger to store data and should be exported via USB or Ethernet. The system should have Maintenance alert settings including vacuum pump oil change, refrigeration cleaning, total operating hours etc. The system should have Moisture sensor to prevent refrigeration or vacuum start-up when moisture is detected in the drain line. The system should have Vacuum control valve to maintain vacuum level set point. The system should have both automatic and manual operating system. The system should have automatic restart function in case of power failure. Vacuum pump should be High quality, corrosion resistant vacuum pump and Displacement capacity: 150 L/min. The Inlet must be properly isolated to prevent oil and air contamination of the system in the event of power failure. The system should have quick-disconnect drain hose fitting with silicone tubing and clamp. The system should have a 304 Stainless Steel Drying Chamber and Acrylic lid with neoprene gasket and valves and plastic molded knobs for 1/2" and 3/4" flask adaptors. The system Should be supplied with a glassware flask of 150mL, 300mL, 600mL: and 750mL 2 sets with suitable adaptors. The system Should have many optional drying chambers for multiple user requirements and quoted optionally. The system must have up-gradation option to connect to concentrator which has the option to concentrate

		samples from 2mL to 50mL samples. System should operate at 230 V/ 50 Hz.
36.	Hot Branding Iron Set (0 to 9)	<ol style="list-style-type: none"> 1. Type: Manual 2. Material: Mild Steel 3. Use: Veterinary Use 4. Packing: 1 Set
37.	Hydrometer	<ol style="list-style-type: none"> 1. Description: Soil Hydrometer 152H 2. ASTM/AASHTO Standard: Yes 3. Graduation: -5 to +60 g/litre 4. Calibration, °F: 68 5. Construction: Molded, seamless. 6. Scale: Bouyoucos, double scale. 7. Calibration: At 68°F. 8. Weight: Net 4 oz. (113 g).
38.	Ice-cream Hardener Machine	<p>Capacity- 1000 Lit. Temperature range: -20°C to -40°C. Power Supply: 380V, 50Hz, 3-phase. Powder consumption- approx. 5 KW/ batch. Automatic or manual defrost options (defrost cycle time: 20-30 minutes). Material – SS (304). Dimensions: 2500mm x 2000mm x 2800mm) and vertical type. Hermetic or semi-hermetic screw or piston compressor. Fully automated with PLC (Programmable Logic Controller). Adjustable vertical fans for even cooling and airflow. 2-4 high-performance fans for even cooling. Refrigerant- eco-friendly refrigerant. Insulation: High-quality polyurethane foam for energy efficiency. Adequate ventilation for air-cooled models. Should provide safety features like Overload protection, automatic shut-off, low voltage protection. Standards Compliance: CE, UL, and ISO 9001 certifications ensure the machine meets international safety and quality standards. Availability of spare parts for 10+ years to ensure long-term operation. Warranty: 2-year warranty on parts and labor. Manufacturer should provide on-site installation, training and technical.</p>
39.	Incubator hatcher cum	<ol style="list-style-type: none"> 1. Capacity-1000 2. Egg Turner-Automatic 3. Humidity Controller-Temperature and humidity Controller 4. Digital Timer-yes 5. Size-4/4 6. Inner Body-Body Truning 7. No Of Door-Two 8. Warranty-10 Years Body Warranty, 1 year Electrical Warranty 9. Working Voltage-250 Watts 10. Finishing-Hylam Sheet body and Hi Density Aluminum Channels 11. Shape-Box
40.	Kulfi Machine	<p>Tank Capacity: 40-50 liters per cycle. Capacity: 100 Kulfi/batch of 50-55 ml. Batch time- 15-20 minutes. Number of moulds: 4 moulds should be fitted inside. Machine Dimension: 38×30×44 inch. Condenser: Water cooled and air cooled. Power Supply: 220V, 50Hz, Single Phase. Should equipped with salt brine tank with stand (SS 304). Should provide kulfi mould (SS-304), kulfi stick, stirrer (SS-304). Material: Stainless steel (SS 304) (for both external and internal components) and inner thickness should not be less than 1.5 mm. Compressor- Emerson &/danfoss. Refrigerant- eco-friendly refrigerant. Display: Digital control</p>

		panel with temperature and time settings. Automation: Semi- automated cycle, including mixing, freezing, and dispensing. Flavor Variability: Should provide automatic ingredient dispenser for flavoured kulfi with a capacity of 1 liter. Operating Temperature Range: -20°C to -40°C for freezing the kulfi base. Warranty : more than five years for compressor .Should provide safety features such as overheating .protection, electrical protection, child safety lock.Manufacturer should provide on-site installation, training and technical support for maintenance and troubleshooting
41.	Lactometer	<ol style="list-style-type: none"> 1. I Deal In: New Only 2. Packing: Square Plastic Packing 3. Range: 1.000 to 1.040 4. Scale: Colored Scale
42.	LED Egg Candler	<ol style="list-style-type: none"> 1. Material: ABS Plastic 2. Colour: Random Delivery 3. Battery Type: 3 x AAA battery 4. Light source: 9 LED
43.	Liquid Nitrogen Container	<ol style="list-style-type: none"> 1. System should have capacity of 40-50 liters. 2. Weight should be between 10-20 Kgs 3. Static evaporation rate: 0.118 liters/day 4. Static holding times : 282 days 5. Should have straw capacity 720 (0.5ml) for single level and 1440 (0.5ml) for double level. 6. Should have at least 6 numbers of canisters. 7. Provided with suitable carrier. 8. Should have all accessories. 9. Should have 3 year warranty.
44.	Livestock Tattoo Kit with Ear Release Pliers, Green Ink, Nitrile Gloves - 0-9 & A-Z Digits	<ol style="list-style-type: none"> 1. Color: Black 2. Size: 0-9 & A-Z 3. Style: Custom 4. Water Resistance Level: Water Resistant 5. Package Dimensions: 9.69 x 4.37 x 3.31 inches (24.6 x 11.1 x 8.4 cm) 6. Weight: 0.74 kg
45.	Manual sealing machine	<ol style="list-style-type: none"> 1. Voltage: 220-240V 2. Sealing power: 240 V 3. Power: 500 W 4. Material: Stainless steel/ mild steel 5. Sealing length: 8 inch 6. Sealing width: 3-5 mm 7. Orientation: Horizontal 8. Capacity: 500-1000 pouch per hour
46.	Metal Bull Holder	<ol style="list-style-type: none"> 1. Material: Metal 2. Size: Regular 3. Automation: Manual 4. Product Type: Veterinary 5. Grade: Surgical Grade Product

47.	Milk Analyzer (automatic)	Parameters: Global calibrations: Fat, protein, lactose (incl. low lactose products), total solids, solids non fat, freezing point, titratable acidity, density, free fatty acids, citric acids, casein, urea, sucrose, glucose, fructose and galactose. Targeted and untargeted adulteration screening. Usage/Application: Laboratory Use Weight: 43 kg Accuracy: <1.0% CV (F, P, L, TS) (guaranteed) Automation Grade: Semi-Automatic
48.	Milk Feeding Bottle for Calf with Nipple	1. Colour: White 2. Material Type Free: BPF Free 3. Item Weight: 299 Grams 4. Bottle nipple type: Vented 5. Capacity: 2.5 liters 6. Bottle Type: Standard Bottle 7. Age Range (Description): Kid 8. Dishwasher Safe: Yes
49.	Milk Measurers (1 litre & 500 ml)	1. Material: SS 2. Handle Type: Hook Handle 3. Capacity: 500 ml & 1000 ml 4. Shape: Round 5. Thickness: 2-5 mm
50.	Milk Pipette (10.75 ml)	1. Usage/Application: Milk Testing 2. Weight: 15 GM 3. Material: Glass 4. Measuring Range: 10.75ml 5. Frequency: +2ML
51.	Milking Bucket	1. Material: Stainless Steel 2. Colour: Silver 3. Bucket Mouth Diameter: 178 mm 4. Base Diameter: 350 mm 5. Height: 370 mm 6. Thickness: 1-1.2 mm 7. Material: S.S 304
52.	Multi-Purpose Mechanical Vat with Scraper	Vat Capacity- approx.. 100 lit.Max. milk boiling capacity- approx.. 80 liter in 35-40 min. Max. milk conversion into khoa/ basundi/ kheer- 10-15 liter in 35-40 min. Thickness of bottom of the vat- 30-32 mm (SS 304).Type of model- Steam and Gas. Should provide double blade and scraper. Vat should be light weighted. Should provide On/Off switch on the machine, superior quality wheels, extra safe box for keeping, lighter, brush, spoons. Should be approx.. ¼ H.P electric load of blowers. The vat should be made of food-grade stainless steel (SS 304). The vat should be equipped with high-quality thermal insulation to minimize heat loss and enhance energy efficiency. The interior surface should be mirror-polished to reduce the accumulation of residues and facilitate cleaning. Should be equipped with an automated PID controller for uniform heating and with adjustable scraper speed. Vat should operate within a temperature range of 80°C to 110°C . Should include an over-temperature cut-off feature to prevent

		overheating and protect the milk quality horizontal or vertical agitator/ scraper with adjustable speed and direction. Stainless steel blades, designed to minimize milk residue buildup. Motor should be 1 HP-2HP . Anti-vibration mounts to reduce noise and ensure stable operation. Capable of draining up to 100% of the liquid content without leaving residue. Should have visual and audible alarms for high/low temperature, motor overload, or operational faults. Vat should come with a minimum 2-year warranty for parts and labor. Manufacturer should provide on-site installation, training and technical support for maintenance and troubleshooting
53.	Planetary Mixer	Capacity: 20 Lit. Solid BPA-free safety screen, covering the stainless steel wire one, limits the flour and unsafe dust particles when used in bakery and pastry preparation. Bowl detection device allows the mixer to switch on only when the bowl and the solid safety screen are properly installed and positioned together. Pivoting and removable wire safety screen for easier and better cleaning. Professional beater mixer that provides all the basic mixer functions: kneading of all sort of pastes, mixing of semi-liquid products, emulsions and various sauces. Waterproof touch button control panel with timer setting and display. Maximum capacity (flour, with 60% of hydration) 6 kg, suitable for 50-150 meals per service. Professional beater mixer that provides all the basic mixer functions: kneading of all sort of pastes, mixing of semi-liquid products, emulsions and various sauces. Delivered with: Spiral Hook, Paddle, Wire Whisk and Mixing Bowl for 20 lt. Wire safety screen fitted with a removable chute to add products while working, thus ensuring operator safety. Safety device will automatically stop the machine when the bowl is lowered. Adjustable feet to perfect stability. Maximum capacity (flour, with 60% of hydration) 6 kg, suitable for 50-150 meals per service. Raising and lowering of the bowl controlled by lever with an automatic locking of the bowl when in the raised position.
54.	Pneumatic Paneer Press	Capacity: Designed to handle 8-10 Kg of paneer. Pneumatic Paneer Press should have robust stainless steel (S.S.) structure with a pneumatic cylinder mounted securely. It should include a solenoid valve, air pressure regulating valve, pressure gauge , and other necessary components. The supply also comes with a stainless steel hoop and pressure plate , crafted from AISI 304 stainless steel . Should provide hassle-free operation. Should consume Low power, especially when paired with an air compressor. Should ensures consistent dimensional accuracy and delivers excellent performance over extended use. Should be user-friendly. Should have ISO S.S.304/316 compliance. Manufacturer should provide on-site installation, training and technical support for maintenance and troubleshooting
55.	Poultry Drinker	1. Drinker Type: Pan and Jar 2. Capacity: 2 Litre 3. Equipment Use: Feeding/Drinking 4. Colour: White and Red 5. Bird Type: Chicken 6. Material: PVC
56.	Poultry Feeder	1. Feed Quantity: 10 Kg 2. Automation Type: Manual

		3. Type of Feeder: Circular 4. Material: Virgin Plastic 5. Colour: Red
57.	Refrigeration Tutor	Cooling capacity of Compressor: 800-950 KCl/hr. Speed: 2500-3000 RPM. Cylinder-1. Condenser- Air cool condenser or suitable for compressor with fan and motor. Expansion valve: Thermostatic expansion valve, capillary tube. Voltmeter: 0-300 volt. Ammeter: 0-10Amp. Rota meter: Suitable. Pressure gauge: 0-300 psi. Temperature indicator: Digital multichannel type: -50°C to 100°C. Solenoid valve, HPLP cut out, Thermostat, Valves. COP calculation, cooling load calculation. Electrical driven 230 V-AC.
58.	Rotary Vacuum Evaporator	Rotation speed: 20 - 140 rpm. Evaporating flasks: 800ml. Condensing surface: 1200 cm ² . Operating voltage: 230V; 50 Hz. Power consumption: Max. 2000 W. Temperature range (water bath): Max. 100°C. Temperature accuracy: ± 1°C. Thermostatic Water Bath with DIGITAL MODEL. Vacuum Pump (Oil Free Diaphragm Type). Automatic Motorized Lifting Arrangement. Micro Attachment Set.
59.	Sealing & capping machine for cups	<ol style="list-style-type: none"> 1. Machine Dimensions (L X W X H): 36 X 26 X 28.5) cm 2. Net Weight: 10 Kg 3. Material of construction: Frame made of SS-304 and heater die made of brass. All filling unit contact parts will be made out of SS-316, Teflon and Silicone Rubber 4. Voltage: 230V @ 50 Hz 5. Current: 1 amp (approx.) 6. Optional Accessories: Filling unit, inkjet printer, holding tanks etc. 7. Power Rating: 225 Watts 8. Suitable for bottle size: 500-1000 mL 9. Suitable for Products: PET / Glass/Aluminum/ HDPE Bottle 10. Application: To tight & seal the caps on milk/ juice bottles 11. Operation: Manual 12. Easy to operate 13. Hassle-free operation 14. Suitable for cup size: 50-500 mL 15. Suitable for Products: PET / PP/LDPE/ HDPE/Laminates cups 16. Operation: Manual 17. Application: Yoghurt, Dahi, Ice-Cream, Shrikhand, Fruit Pulp, Water
60.	Semi-automatic Vertical Continuous Sealing Machine	Power supply- 220V/50-60 Hz, Sealing speed- 0-12 mtr /min, Temp range- 0-300°C, Machine size- 800×400×305mm, Machine weight- 30-35 Kg. Should be ideal for all types of light to medium weight packets. Adjustable sealing speed of upto 30-35 packets per minutes. Should be equipped with automatic temperature controlling device and a step less speed control system for uniform heating and adjustable speed. Manufacturer should provide on-site installation, training and technical support for maintenance and troubleshooting.
61.	Silent Diesel Generator Set(40kVA)	Dimension: 2400-2500(L) x 1050-1150 (W)x 1400-1500(H)mm. Power: 3 Phase, 415 volt, 50 Hz, power factor 0.8, RPM 1500., No. of cylinder: 04. Cooling : Liquid cooled, Fuel : Diesel. Fuel consumption @ 100 % load with radiator and Fan : 8-9 LPH, Fuel tank capacity : 90-100 ltr. Weight : Approx:1200-1500 kg

		Noise level:75db i.e. silent or sound proof. Insulation class : H class. Alternator efficiency:>85%. Starting system: suitable matching battery. With latest technology manufacturing as per latest amendment of environment(Protection)Act 1986. Installation at site and with two year warranty.
62.	Tattooing Letter 0 to 9	0-9 metal numbers
63.	Teat Dip Cup	1. Model: YL 4530 2. Capacity: 300 ml 3. Material: Non-Toxic ABS, Silica gel
64.	Texture Analyzer	Specially designed for food & dairy application, Automatic Interruptions (Break): Stop / return to start point Program: User programmable Automatic Calibration: Automatic Height correction / redefined Zero Point: Standard weight correction Automatic Calculation: 1. Basic single Test: Max. Positive / Mini. Negative force/ Positive area /Negative area/ Springiness/Gel Strength/ peak distance /peak slop 2. Cycle Test: Peak 1 /Peak 2/ Peak 33. Relaxation: Max. Positive / Mini. Negative force/ Force after hold time /Springiness Ratio 4. Texture Profile Analysis: Hardness/ Fractur ability / adhesiveness / Springiness/ Chewiness/ Gumminess/ Cohesiveness / Resilience5. Creep / Adhesion Test: Max. Positive / Mini. Negative force/ Positive area /Negative area/Sample separation distance Data Output : Curve output (Graphic File)Raw data output (excel format) Result output (Excel format)Force Range : 1, 5, 10, 20 kg Standard Load Cell : 20 kg Force Resolution : 0.1 gf Force Accuracy : reading 0.5% <error<full scale 1% Stroke : 105 MM Distance resolution (Actual) : 0.005 mm (5 μm) Distance resolution (Display) : 0.01 mm Distance Accuracy : error < .1 % Ball Screw Lead :10 mm ; Rolled ball screws (+/- 50 μm / 300 mm) Range of Speed : 0.025 - 10mm/s continuous variable speed. Speed Resolution : 0.1 mm/s Speed Accuracy : error < .1 % Motor : 5 phase stepper motor 0.18 O Step angle (2000 step) Torque : 1.15 Nm Net Weight : 8-9 kg Dimension : 210 W x 290 D x 600 H Power supply : 100 – 240 v 50/60 Hz ; 1.5 A fuse Power consumption : 65 w Connection Safety Protection :Electromagnetic Limit switch, Emergency Stop Switch, Force Overload Protection. Accessories to be supplied with system: 1. Load cells required 20 Kg 2. Calibration weight 3. Operating Software 4. USB signal cable 5. 100 and 30 mm adapter 6. Power cable 7. Platform Probe Kit 8. Cone 45° Probe – CN 4P; Polyethylene 9. SP(Spherical)1”Polyethylene -SP1P 10.Cylindricals CY10-10mm.06mm,35mm,25mm NE (30°Needle) 1.6mm, Blade Set, Compression Plate.11. Computer/ Laptop for Operation.
65.	Tray Dryer	Electrically operated tray dryer. Double walled construction inner S.S. & outer made of M.S. body duly powder coated. All the trays are made of S.S. 304 and size of the tray is 16” x 32”.Nos. of trays: 12.It is provided with glass wool insulation throughout the chamber fitted with electrical motor with fan with pillow block bearings. Temp. Controlled by Digital temperature Controller & AIR Circulating Fan for Uniform Temperature. Max Temp.: +5 Ambient to 200°C. Tray is made of S.S. 304. (20 Gauge) (1 mm) .Power Supply 220/230V, 50 Hz, Single Phase. Microprocessor Based PID Controller.
66.	Trocar Cannula	1. Material: Metal/ Stainless Steel 2. Size: Total Length is 8 inch

		<p>3. Diameter of tip is: 1MM to 5 MM</p> <p>4. Product Type: Veterinary</p> <p>5. Grade: Surgical Grade Product</p>
67.	Tube auger	<p>1. Material: Iron</p> <p>2. Size: 1m</p> <p>4. Dimensions : 57 x 22.1 x 19.1 cm; 4-5 kg</p> <p>5. Generic Name : Post hole digger</p>
68.	Vaginal Speculum for Cattle	<p>1. Material: Stainless Steel</p> <p>2. Usage/Application: For Animal Purpose</p> <p>3. Surface Finished: Polished</p> <p>4. Material Grade: 202</p>
69.	Vaginal Speculum for Goat	<p>1. Material: SS 304</p> <p>2. Color: Steel</p> <p>3. Features: Vaginal Examination</p> <p>4. Size/Dimension: 4 inches</p>
70.	Venturi meter with SS Tank	<p>Box dimension 1000×500×1670 mm. U- Tube Manometer 150-0-150 (Mercury Filled). Venturi meter : Throat diameter 16±1 mm, Sump tank capacity :75 ltr, MOC of sump tank SS304 with matt buffing, volumetric tank capacity: 45 ltr, MOC of volumetric tank: SS304, water pump : centrifugal/monoblock type 0-100 ltr/min, piping with necessary valves & fittings, entire system is mounted on a MS frame, Discharge calculation</p>
71.	Willy Mill Grinder	<p>1. Laboratory Type Willy Mill Grinder</p> <p>2. Material: Stainless Steel</p> <p>3. Type: Laboratory Type</p> <p>4. Voltage: 220 V</p> <p>5. Speed: 80 rpm</p> <p>6. Power Source: Electric</p> <p>7. Frequency: 50 Hz</p> <p>8. Max Feeding Size: 30 mm</p>

Category-C

1.	Model (Constant mesh gear box – cut section working model)	The cut section model of a constant mesh type of gear box to demonstrate the working of gear box. The model should exhibit construction details and able to obtain different speeds (gear change) by shifting internal dog clutch to the desired position with the help of lever. The system should be mounted on suitable frame.
2.	Model (Cut model of CI engine (Diesel))	Cut section model of multi cylinder 4-stroke diesel engine mounted on frame. The model should be such that the working of different components of engine (e.g. piston, crankshaft, camshaft, valve mechanism, etc.) can be observed by operating engine with electric motor or by rotating handle
3.	Model	Cut section model of single cylinder 2 stroke petrol engine mounted on frame. The model

	(Cut model of SI engine 2 stroke (Petrol))	should be such that the working of different components of engine (e.g., piston, crankshaft, flywheel, etc.) and opening/closing of different ports can be observed by operating the engine by electric motor or by rotating handle
4.	Model (Cut model of SI engine 4 stroke (Petrol))	Cut section model of multi cylinder 4 stroke petrol engine mounted on frame. The model should be such that the working of different components of engine (e.g., piston, crankshaft, flywheel, etc.) and opening/closing of different ports can be observed by operating the engine by electric motor or by rotating handle
5.	Model (Cut model of tractor)	Actual cut sectional model of tractor consisted of cylinder block, cylinder head, valve mechanism, flywheel, crank case, oil pump, fuel supply system, cooling system, air intake system, exhaust systems, engine/chassis drive, clutch, gear box, transmission, final drive/rear axle etc. Whole assembly should be mounted on iron frame or stand and can be operated with electric motor to demonstrate working of tractor engine, clutch & transmission, differential, final drive etc. This model is to demonstrate working of tractor with the help of actual parts assembled on an iron frame.
6.	Model (Differential assembly with final drive – cut section working model)	Cut section model of differential assembly with final drive mounted on frame. The model should be such that the working of different parts (differential and final drive) can be observed by operating the assembly.
7.	Model (Display model of disk plough)	Display model of disk plough showing different parts and adjustments
8.	Model (Display model of indigenous plough)	Display model of indigenous plough showing different parts and adjustments
9.	Model (Display model of MB plough)	Display model of MB plough showing different parts and adjustments
10.	Model (Display models of all types of harrows)	Demonstration models of single action disk harrow, double action disk harrow, offset disk harrow, spring type harrow, spike tooth harrow, triangular harrow, ACME harrow & tandem disk harrow
11.	Model (Friction clutch (diaphragm type) working model)	The cut section model should have flywheel, pressure plate, clutch plate, diaphragm etc. mounted on frame such that clutch working can be observed by actuating system with the pedal and lever. A handle should be provided for rotation of shaft.
12.	Model (Hydraulic brake system working model)	The model should have two front drums with disc type of brakes and two rear drums with drum brakes mounted on frame. The assembly

		should have master cylinder with brake pedal. Rear drums should be cut sectioned to show different parts of brake system.
13.	Model (Models of different types of threshing drums)	Display models of different threshing drums used in threshers and combine harvesters such as peg tooth, wire loop, angle bar, hammer mill, rasp bar etc.
14.	Model (Sliding mesh gear box – cut section working model)	The cut section model of sliding gear box to show the various parts such as gears, main shaft, counter shaft, sliding mesh gears and gear shifting lever mechanism etc. The gear box should be mounted on suitable frame. The gears can be shifted by using the gear shifting hand lever and the working of the gear box can be observed by rotating the input shaft by hand.
15.	Model (Steering system (rack & pinion type) working model)	The cut section model of rack and pinion type steering system to demonstrate working of steering system. The model should have steering wheel, steering column, steering gear box, tie rod linkages etc. mounted on frame.
16.	model (Working model of mower)	Working model of mower for displaying working mechanism
17.	model (Working model of seed drill)	Working model of seed drill to display different components of the seed drill with metering mechanism.
18.	model (Working model of vertical conveyer reaper)	Working model of vertical conveyer reaper for displaying working of cutter bar and conveying mechanism

Category-D

S. No.	Name of Equipment	Specification
1.	Air conditioner split 1.5ton	Inverter Split AC, 5 Star, 1.5 ton with digital stabilizer, stand and fitting with remote, 2025 model, heavy duty, copper, long throw, PM 2.5 filter 5 in one convertible, comprehensive warranty 5 years
2.	Air conditioner split 2 ton	Inverter Split AC, 5 Star, 2 ton with digital stabilizer, stand and fitting with remote, 2025 model, heavy duty, copper, long throw, PM 2.5 filter 5 in one convertible, comprehensive warranty 5 years
3.	Air conditioner cassette 2 ton	5Star, with 5 year Comprehensive Warranty, 4 way Convertible Cooling, with remote, Inverter Split AC (Copper, 2025 Model, Heavy duty cooling at 50 °C, rotary compressor, dimension 570X260X570 mm,
4.	Air conditioner tower 3 ton	Capacity-3 Tons, Cooling Power-5200 Watts, antibacterial coating, dehumidifier Dimensions- 0.77D x 2.04W x 0.45H Meters, with remote air flow- 1700 CMH

5.	Desert Cooler	<p>Dimensions: Approx. Height 51x width 30x depth 22 inches. Iron power coated air cooler metal body of 20-gauge sheet with suitable pads and heavy duty. Fitted exhaust motor of leading brand of India. Fan blade size 18" (1400 rpm) heavy-duty, High-speed fan. Approx., Air Delivery: 4500 cubic meters/hour, 100 litre tank capacity, high air delivery. Power consumption: 230V AC, 50 Hz, 160 watts. Cooling capacity: 45 Liters /hour. Proper paint and zinc oxide coating in bottom of cooler for increasing life of cooler. Features: Adjustable speed control. Warranty: 1 Year onsite service</p>
6.	Deep Freezer 300 liter	<p>Anti-Bacterial & Anti Mould Door Gasket, Interior LED lighting, Super Freezing Function, Lockable Door, dimension(H)845 x (W)1110 x (D)620mm, with corrosion resistant body, Gross capacity the temperature range of -20° C</p>
7.	Microwave Oven	<ol style="list-style-type: none"> 1. Microwave Type: Grill/Convection 2. Capacity/Volume; 31 Ltr 3. Dimension: 4. WxDxH (cm): 52x54.4x31.4 5. Diameter of turntable (mm): 301-325 6. Net weight (Kg): 19-20 7. Parameter: 8. Grill Heating Power (Watts): 1001-1200 9. Operating AC Voltage (Volts): 221-230 10. Microwave Frequency: 2450 megahertz 11. Power Input: 800 Watt 12. Convection Consumption: 1950 Watt 13. Unit Warranty: 1 Year 14. Performance 15. Convection Heating: Yes 16. Touch Control Panel: Yes 17. Adjustment of microwave power: Yes <p>Grill heating: Yes</p>
8.	Mixing and Grinding machine	<ol style="list-style-type: none"> 1. Parameters- 750 watts mixer grinder 2. Voltage- 220-240 AC 3. Speed – 22000 <p>Three Jars</p>
9.	Refrigerator	<ol style="list-style-type: none"> 1. Energy efficiency-3-5 Star, 2. Total Capacity- 310 - 410 liters 3. Installation type- Free standing 4. Special features-Inverter-Convertible, Defrost System-Frost free, <p>Certification-Energy rating-5 Stars, Shelf Type-Glass, Certification: CE , ISO 9001</p>
10.	Refrigerator (Double Door)	<ol style="list-style-type: none"> 1. Minimum Gross storage Capacity: 240 to 250 ltrs 2. Model Type: Double door 3. Energy efficiency-3-5 Star 4. Voltage Range at 40 degrees centigrade: Capable of working on 220 volts ± 12% A.C 50 Hz

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		<p>5. Power Source: AC, 220 Volts to, 50 Hz</p> <p>6. Method of Defrosting: Frost Free</p> <p>7. Insulation: Puff / Maxi 2 / Polyurethane</p> <p>8. Refrigerant Gas: CFC free</p> <p>9. Compressor: Power saver compressor</p> <p>10. Accessories Required: Adjustable shelves, chiller Tray, Temperature controller, Auto lamp on/off feature, should be supplied with all standard accessories as per manufacturer catalogue for the model supplied</p> <p>11. Warranty: with 3 years</p> <p>Certification: CE , ISO 9001</p>
11.	Visi Cooler 1000 Litres double Door	<p>Gross Volume: 1000 L, Product Dimension (WxDxH): 1219x711x2006 mm,</p> <p>Temperature Range: 0°C to 10°C, Soft Aesthetic Design, Wheels For Easy Mobility, Upto 40% Energy Efficient Compressor, Self Aesthetic Design, Energy Efficient Compressor, Anti-corrosive Pre-coated Body</p>
12.	Visi Cooler 450 Litres Single Door	<p>Gross Volume: 450 L, Product Dimension (WxDxH): 650 x 730 x 1900 mm, Temperature Range: 0°C to 10°C, Soft Aesthetic Design, Wheels for Easy Mobility, Upto 40% Energy Efficient Compressor, Self Aesthetic Design, Energy Efficient Compressor, Anti-corrosive Pre-coated Body</p>
13.	Water cooler 120 liter	<p>SS body, dimension- 65D x 68W x 140H cm, normal & Cold-Water Cooler with stainless steel and two faucets with low power consumption, 1550 watt, compressor rotary, storage 150 lit., cooling 120 lit per hour</p>
14.	RO for water cooler 50 liter per hour	<p>Purification Type-RO + UV Suspended Solids, Chemical Impurities, Bacteria like Cryptosporidium, Pseudomonas, and Pathogens e-coli, Removal of hardness from water and other contaminants also., Capacity-50 L, Installation Type-Wall Mounted Media-Activated Carbon + sand, capable for-TDS up to 1500 ppm, Hardness 700 mg/l</p>
15.	RO portable 15 liter	<p>NanoPore 2X Filter Technology: Complete protection against pesticides, microplastics, and industrial waste like lead and mercury for 2 years*, valid for input water TDS<1000. The increased surface area of the RO membrane ensures higher water recovery as well as faster filtration rate over regular Ros, 7-Stage Purification including RO+UV+UF- NanoPore RO 2X protection against pesticides, microplastics, and industrial waste, UV e-boiling: Ensures each drop of water is as pure as water boiled for 20+ minutes with ultra filtration Ultra Filtration, Works With All Water Sources- Purifies water from any source, including municipal, borewell, or tanker water, ensuring safe and clean drinking water every time, Warranty and Installation – Comes with a 1-year free warranty and includes complimentary installation</p>
16.	Water purifier portable 15 liter	<p>Equipped with hollow fibre UF membrane, this state of the art purifier does not allow any bacteria and cysts to pass through it. This makes drinking water pure, without using any harmful chemicals such as chlorine, bromine, or iodine.</p>

TERMS AND CONDITIONS:-

1. The firm/authorized dealer should have valid GST number, permanent address and PAN card.
2. The firm should have 3 years experience of supplying the required articles to university/college/govt. department with proof (List of items supplied at respective places).
3. The order of articles can be decreased or increase as per requirement of the constituent colleges.
4. The articles shall be supplied within 30 days of issue of order at FOR (constituent colleges).
5. Undersigned has right to reject any firm.
6. The articles should be in working condition and must be in good quality as per specifications mentioned in e-tender.
7. The warranty of article shall be of minimum 2 years.
8. The certification CIBD/CDSCO/ISO/IEC/European CE of firm will be required for supplying items.
9. Installation of all the items will be responsibility of the firm/supplier without any charges.
10. Firm must provide catalogue of each item along with equipment.
11. The Bidder must sign each page of the e-tender document.
12. The documents attached by the bidder should be clearly readable failing which the undersigned has right to reject any firm

Other Requirements:

1. Installation will be done by supplier free of cost.
2. The supplier should submit the copy of supply orders for quoted equipment, user list or performance reports in support of past experience.
3. The supplier if required can visit the installation sites for compatibility with existing machines.
4. The successful bidder has to demonstrate the working of various laboratory equipment's & AC
5. Warranty should be for two years.
6. The company should mention the make & model name/number of the quoted equipment and submit the technical brochure of the quoted model in the technical bid along with compliance sheet as per technical specification.
7. All laboratory equipment's etc will be supplied on FOR basis at respective colleges of SKNAU, Jobner mentioned in e-tender.
8. Payment will be made after satisfactory report of committee constituted by the Comptroller, SKNAU, Jobner -303329.as per terms and conditions of the e-tender.





श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय

जोबनेर 303329, जिला जयपुर (राजस्थान)

फोन नं. 01425-254988(का.)

e-mail Id : comptroller@sknau.ac.in

वित्त नियंत्रक

क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/

दिनांक :

4. Inspections and Tests

Clause No.	Description
4.1	INSPECTION OF GOODS VIZ., various Laboratory equipment's & AC etc
4.2	The goods viz. various laboratory equipments etc. supplies shall be according to specifications provided at Section V, schedule of supply clause 3 Technical Specifications and shall be inspected by the University/committee as mentioned in the supply order or amended thereafter by competent authority. In case of BIS Items, inspection shall be strictly as per relevant BIS specifications with latest amendments and have been made applicable by BIS. at the time of inspection. The inspection and testing of the material may be got done by any Inspecting Agency/Committee of experts at the works of the Manufacturer or at site of installation. The supplier shall provide all facilities for inspection/testing free of cost.
4.3	Notwithstanding the fact that the authorized inspecting agency had inspected and/or has approved the stores/articles, the procurement officer or his authorized Expert, not below the rank of Associate Professor/ Accountant, may inspect the item/material as soon as it is received in the stores to ensure that the supply is in accordance with the specifications laid down in rate contract.
4.4	In case of doubts in inspection/ test, same may be got inspected or tested in any laboratory. If the material is not found as per specifications or defective, consignee will not accept the material and shall inform the Comptroller, SKNAU, Jobner Consignee may also simultaneously ask the firm for removal of defect/replacement. The firm shall be bound to remove the defect or replace the defective equipment/item within 15 days of receipt of intimation from the consignee. However, the date of delivery, in case of defective item shall be taken as the date on which the University accepts the item after replacement of defective material/removal of defects as the case may be. Wherever defective item is replaced, the inspection/testing charges, if any, shall be borne by the supplier.
4.5	If required, the consignee may refer inspection committee to match the specification with available reserved sample with the University which is submitted by the firm/supplier at the time of technical approval.
4.6	In case of imported item, the supplier shall ensure that the item shall be inspected by the third party Inspection Agency before dispatched to the consignee. In case any un-inspected item has been found in the item received by consignee, the firm shall be solely responsible for it and the University shall be free to take suitable necessary action as per terms and conditions of bid documents/agreement against the firm.



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दिनांक :

Section VI A: -General Conditions of Contract (GCC)

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दिनांक :

Section VI A: -General Conditions of Contract (GCC)

Bidder should read these terms & conditions carefully and comply strictly while submitting their bids. If a bidder has any doubt regarding the terms & conditions and specifications mentioned in the bid notice/catalogue, he should refer these to the Comptroller, SKNAU, Jobner -303329.before submitting bids and obtains clarifications. The decision of the Comptroller, SKNAU, Jobner - 303329.shall be final and binding on the bidder. The clauses of terms & conditions are as follows:-

Clause No.	Description
1.	Definitions The following words and expressions shall have the meanings hereby assigned to them: 'Act'. Means the Rajasthan Transparency in Public Procurement Act, 2012. 'Rules' Means the Rajasthan Transparency in Public Procurement Rules, 2013. 'Completion' Means the fulfilment of the supplies and Related Services by the supplier in accordance with the terms and conditions set forth in the contract. "Contract" Means the Agreement entered into between the Procuring Entity and Supplier, together with the contract documents referred to therein, including all attachments, appendices, specifications and codes and all documents incorporated by reference therein. "Contract Documents" Means the documents listed in the Agreement, including any amendments thereto. "Contract Price/Rate" Means the price payable to the supplier as specified in the Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the contract. "Day" Means calendar day. "Delivery" Means the transfer of the goods from the supplier to the Procuring Entity in accordance with the terms and conditions set forth in the contract. "GCC" Means the General Conditions of rate Contract. "SCC" Means the Special Conditions of rate Contract". "Goods" Means all of the commodities, raw material, machinery and equipment, documents, warranty/warrantees and /or other materials that the supplier is required to supply to the Procuring Entity under the Contract. "Procuring Entity" Means the Entity purchasing the goods viz., various laboratory equipment's & AC the Comptroller, SKNAU, Jobner-303329.of the Comptroller, SKNAU, Jobner-303329 or as specified in the SCC. "Related Services" Means the services incidental to the supply of the Goods, such insurance, installation, training and initial maintenance, commissioning of equipment or machinery and other similar obligations of the supplier under the contract. "Subcontractor" Means any natural person, private or government entity, or a combination of the above, including its legal successors or permitted assigns, to whom any part of the Goods to be supplied is subcontracted by the supplier. "Supplier" Means the natural person, private or government entity, or a combination of the above, whose Bid to perform the contract has been accepted by the Procuring Entity and is named as such in the Agreement, and includes the legal successors or permitted assigns of the supplier. "The Site" where applicable, means the place of delivery, installation,

	<p>"Supplier" Means the natural person, private or government entity, or a combination of the above, whose Bid to perform the contract has been accepted by the Procuring Entity and is named as such in the Agreement, and includes the legal successors or permitted assigns of the supplier.</p> <p>"The Site" where applicable, means the place of delivery, installation, testing/commissioning of the goods/equipment or machinery or as mentioned in the supply order.</p> <p>"Consignee" Means the receiver of the stores as mentioned in supply order.</p>
2.	General terms
2.1	Bids are invited from Indian manufacturers /direct importers/ Distributors/authorized dealers (Bidder shall submit declaration in BF-XII, XIII & XIV).
2.2	Bid shall be submitted up to 11.00 AM on dated 30.06.2025 as per schedule (col. no. 4) to the Comptroller, SKNAU, Jobner -303329. At any time prior to the date of submission of bid, Bid Inviting Authority may, for any reason, whether on his own initiative or in response to a clarification requested by a prospective bidder, modify the condition in bid document by an amendment. In order to provide reasonable time to take the amendment into account in preparing their bid, Bid Inviting Authority may at his discretion, extend the date and time for submission of bid. Interested eligible bidders may obtain further information in this regard from the office of the Bid Inviting Authority.
2.3	The bidder should have average gross annual turnover as per Table-I, for the preceding three financial years to be eligible to participate in the bid.
2.4	Supplies shall be made directly by the bidder, and suppliers. Manufacturer bidder should have permission to manufacture the item quoted as per specification given in the bid from the competent authority.
2.5	Bid shall be submitted the Comptroller, SKNAU, Jobner -303329.
2.6	<p>The bidder shall submit following certificates along with the bid the:-</p> <p>(i) The cost of bid document amounting to Rs. 2500.00 (Rs.1250.00 for SSI Units of Rajasthan)uploaded on the above website shall be submitted in form of D.D./Banker's cheque in favour of The Comptroller, SKNAU, Jobner - 303329. The bidder is also required to deposit processing fee of Rs.2500.00 in form of D.D./Banker's cheque in favour of M.D., RISL payable at Jaipur. The cost of bid document, processing fee and bid security D.D./Banker's cheque security. Bid security Rs. 950000/- for category-A, Rs. 252000 category-B, Rs.96000 for Category-C and Rs. 208000/- for Category-D shall be deposited in the form of D.D./Banker's cheque in favour of The Comptroller SKNAU, Jobner payable at Jobner. shall be deposited physically in the office of the Comptroller, SKNAU, Jobner -303329. before the last date and time of bid submission bid cost and processing fee are nonrefundable. The bidder shall upload scanned copy of the D.D./Banker's cheque in the technical Bid (Cover-A) on website "https://eproc.rajasthan.gov.in"</p> <p>(ii) (a) Manufacturer- bidder shall enclose duly self-attested photocopy of acknowledgement of EM-II Memorandum/IEM/ Registration of SSI unit for the products duly approved by the licensing authority for every product quoted in the bid. The license, if any, should be renewed up to date. Acknowledgement of EM-II, issued by District Industries Centre, under rules for preference to industries of Rajasthan, in respect of stores for which they are registered (BF-VIII).</p> <p>(b) Likewise, SSI manufacturer/bidder shall submit documents relating to the production capacity and properly installed quality control measures at the production site/ unit at the time of bid/agreement, which may be a certificate from NSIC (For micro and small-scale industrial units) /MSME (Micro, Small, Medium Enterprises)/production capacity certificate issued from Industries Department.</p> <p>(iii) Firm shall submit copy of the registration with Central Excise Department/exemption from registration, if applicable, as per provisions of Central Excise Act.</p> <p>(iv) In case of imported equipment's and instruments self-attested photocopy of IEC</p>

- (vi) Duly self-attested photocopy of BIS certificate, renewed up to date with respective schedule for BIS certification for quoted items, if applicable.
- (vii) Duly attested photocopy of ISO Certificate, if applicable.
- (viii) Duly attested photocopy of BIS certificate from Govt. of India lab or from Govt. of India approved lab for the quoted items, as mentioned in Table-1.
- (ix) The average annual turnover statement for preceding three financial years expired on March 31st, signed by the bidder, duly verified by the C.A. and attested by notary public.
- (x) Copies of annual accounts (Balance Sheet & Profit & Loss statements) certified by the auditors for the preceding three financial years may also be asked.
- (xi) Duly self-attested copy of latest GST clearance certificate preferably (up to 31.03.2017) from the Commercial Tax Officer of the circle concerned, from where supplies will be affected, shall be submitted.
- (xii) Declaration regarding point of supply with full address in Bid Submission Letter.
- (xiii) A combined undertaking/declaration regarding that the quoted item model is of latest technology, the item has not become outdated, that the rate quoted is not more than the rate charged from anyone else, that the bidder is not black listed or banned or debarred by central or any state government or its append gages, availability of spare parts and consumables for the quoted equipment for at least 5 years/life of the item, whichever is earlier, from the date of installation must be submitted for each item quoted in the bid.

Bid should not be submitted for the quoted item(s) for which the bidder has been blacklisted/banned/debarred either by bid inviting authority or Govt. of Rajasthan or by any other state/central Govt. and its agencies. This also applies to the bidder for its sister/allied firm(s)/ unit(s).

The declaration from the bidder regarding qualifications (BF-XI).

The following documents are mandatory and shall be uploaded on e-procurement portal along with Technical Bid Submission Sheet. If the following documents/certificates/requirements are not uploaded on portal/ full filled , the bid will liable to be declared non responsive:-

- a. Cost of bid document, RISL processing fee and bid security;
- b. In case of Indian Manufacturer, valid Manufacturing License from Competent Authority, *if applicable*, Acknowledgement of EM-II Memorandum/IEM/ Registration of SSI unit, copy of the registration with Central Excise Department/ exemption from registration, *if applicable*, as per provisions of Central Excise Act.
- c. In case of direct Importer, Import-Export Code (IEC) Certificate and Permission/Authorization for sale from the foreign principal manufacturer. .
- d. The average gross annual turnover of the bidder shall be as per **Table-1** for last three years (BF-VI)
- e. Declaration by the Bidder Regarding Qualifications (BF-XI).
- f. Bidders shall have to submit a valid 'GST' clearance certificate from the concerned Commercial Taxes Officer or declaration and the 'PAN' issued by Income Tax Department.
- g. Duly signed scanned copy of Section VI A and VI B or BF-IX as acceptance of terms & conditions;
- h. USFDA Certificate/CE Marking/ISO/.etc. *as/if applicable*;
- i. BIS certificate, in case of BIS marked items, *as/if applicable*;

PLEASE ALSO NOTE THAT: -

- a. All the above-mentioned documents must be submitted duly signed on each page and self-attested.
- b. All attested documents must be submitted in Hindi or English language. If the documents are not in Hindi or English, translated version of the same, in Hindi or English, duly signed and attested by authorized translator must be submitted along with copy of original document.

	<p>c. All the above mentioned documents should be under the name and address of the premises where the quoted items are actually manufactured/ stored for supply.</p> <p>d. The point of supply should be specified as has been requested in bid conditions above. The bidder may be asked to submit its annual accounts (Profit & Loss account & Balance Sheet etc.).</p>
2.7	Financial Bid duly filled in (BF-III/BOQ) giving the rates for quoted items should be submitted through the portal " https:// eproc.rajasthan.gov.in (Format (BOQ) ". The rate should not be disclosed in the technical bid.
2.8	<p>The required amounts towards cost of bid document and bid security shall be deposited through DD/Banker's cheque in the office of Comptroller, SKNAU, Jobner - 303329. on or before the last date and time of bid submission.</p> <p>All bids received will be opened in the presence of bidders, who choose to be present. Financial bid will be opened only for those bidders, who satisfy the criteria laid down by the University on the details furnished by the bidder in technical bid in compliance of terms & conditions of the bid.</p>
2.9	<p>(i) In case of the bid being submitted by a proprietary firm, the bid must be signed by the sole proprietor. In case of a partnership firm, bid must be signed on behalf of the firm by a person authorized, holding a power of attorney in his favour to do so; and in the case of a company, the bid must be signed by an authorized signatory, in the manner laid down in the Articles of Association of the bidder company.</p> <p>(ii) Any change in the constitution of the firm/ company shall be notified forthwith by the bidder/contractor in writing to the Comptroller, SKNAU, Jobner -303329 and such change shall not relieve any former member of the firm/ company from the liability under the conditions of the bid/contract. No new partner / partners shall be accepted in the firm by the bidder/contractor in respect of the bid/contract unless he/ they agree to abide by all its terms and conditions and submit a written agreement to this effect with the Comptroller, SKNAU, Jobner-303329. The bidder's/contractor's receipt for acknowledgement or date of any new partner subsequently inducted, as above, shall bind all of them and will be a sufficient Discharge for any of the purposes of the contract.</p>
2.10	<p>The hard copy of bid documents shall be filled with ink or typed. The bidder shall sign the bid form at each page and at the end in token of acceptance of all the terms and conditions of the bid and then scanned copy be uploaded on the e-portal https://eproc.rajasthan.gov.in, except the financial bid (BOQ) (BF-III).</p>
3	BID SECURITY:
	<p>(i) Bid shall be accompanied with a bid security. Bids submitted without sufficient bid security will be summarily rejected.</p> <p>(ii) The bid security of bidder shall be refunded after the earliest of the following events, namely: -</p> <p>(a) the expiry of validity of bid security;</p> <p>(b) the execution of agreement for procurement and performance security is furnished by the successful bidder;</p> <p>(c) the cancellation of the procurement process; or</p> <p>(d) the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documents stipulate that no such withdrawal is permitted.</p> <p>(e) Bidder should produce a pre stamp receipt as per BF-VII with the bid document for that purpose.</p> <p>(f) Firms which are registered as micro or SSI Unit of Rajasthan with Commissioner of Industries shall furnish the amount of bid as mentioned in Table-1. In respect of items for which they are registered to manufacture, shall submit an attested copy of acknowledgment of EM-II issued by DIC, with an affidavit on non-judicial stamp paper worth Rs. 50/- as per BF-VIII.</p> <p>(g) The Public Sector Undertakings need not furnish any amount of bid security.</p> <p>(h) The bid security lying with the University in respect of other bids awaiting approval</p>

	<p>or rejection or on account of contracts being completed, will not be adjusted towards bid security for the fresh bids. The bid security may, however, be taken into consideration in case bids are re-invited for the same item.</p> <p>(i) In case any document submitted by the bidder or by his authorized representative is found to be forged, false or fabricated, the bid shall be rejected and bid security may be forfeited. Bidder/his representative may also be banned/debarred. Report with police station may also be filed against such bidder/his representative.</p>
4	<p>FORFEITURE OF BID SECURITY: -</p> <p>The bid security will be forfeited if:</p> <p>(i) The bidder withdraws or modifies the offer after opening of financial bid, but before acceptance of bid,</p> <p>(ii) The bidder does not execute the agreement, if any, prescribed within the specified time or extended time by competent authority (on the request of the bidder),</p> <p>(iii) The bidder does not deposit the 'performance security' after the supply order is placed/requested for signing the agreement,</p> <p>(v) The bidder fails to commence the supply of the items as per supply order within the time prescribed,</p> <p>(v) The bidder fails to submit samples/demonstration of quoted item on demand,</p> <p>The bidder violates any of the terms & conditions of the bid document.</p>
5	<p>WARRANTY CLAUSE: -</p> <p>(i) The bidder would warranty as mentioned in the technical specifications of the subject matter of procurement would continue to conform to the description and quality as per technical specifications and performs as per descriptions, from the date of delivery/installation of the said subject matter of procurement. Notwithstanding the fact that the purchaser may have inspected and/or approved the said subject matter of procurement during the warranty period, if the said subject matter of procurement is discovered not to conform to the description and quality as aforesaid or not performing, as described, the procuring entity will be entitled to reject the said subject matter of procurement or such portion thereof as may be discovered not to conform to the said description and quality or not performing as described. On such rejection, the subject matter of procurement will be at the seller's risk and all the provisions relating to rejection of goods, etc., shall apply. The successful bidder shall, if called upon to do so, replace the goods etc. or such portion thereof, as rejected by the procuring entity. Otherwise, the bidder shall pay such damages, as may arise by reason of such breach of the condition herein contained. Nothing herein contained shall prejudice any other right of the procuring entity in that behalf under this contract or otherwise.</p> <p>(ii) The bidder shall, during the warranty period appearing in the contract, replace the whole subject matter of procurement or part(s), if any, and remove the manufacturing defects, if found during the above period so as to make the machinery and equipment operative.</p> <p>(iii) In case of the machinery or equipment, the successful bidder shall be responsible for carrying out annual maintenance and repairs on the terms & conditions, as agreed. The bidder shall also be responsible to ensure adequate and regular supply of spare parts and consumables required for the machinery or equipment, whether under their annual maintenance and repairs contract or otherwise. In case of change of model the bidder shall notify the procuring entity sufficiently in advance, to facilitate procurement of sufficient quantity of consumables/ spare parts from the bidder to maintain the machinery or equipment.</p> <p>(iv) In case, any item supplied by the successful bidder does not conform to the required specifications, the payment thereof, if received by the supplier, shall have to be refunded to the Comptroller, SKNAU, Jobner-303329. The supplier will not have any rightful claim to the payment of cost for substandard supplies, which may have been consumed, either in part or whole, pending receipt of laboratory test/inspection report,</p>

	wherever required. Supply of goods less in weight and volume than those mentioned on the label of the container, the same will be dealt with in the manner prescribed under rules.
6	COMPARISON OF RATES:
	<p>(i) Only net rates should be quoted. No separate free goods or cash discounts should be offered. Rates must be valid for the entire bid validity period.</p> <p>(ii) In comparing the rates quoted by a firm from outside Rajasthan and another bidder from within the state, the element of Central Sales Tax shall be added in the rates of the firm from outside Rajasthan and GST if any, shall be excluded from the rates quoted. While comparing the rates in respect of firms within Rajasthan, the element of Rajasthan GST shall be excluded from the rates quote.</p> <p>(iii) Consignee may be located at a district headquarter (except equipment/machinery requiring installation and commissioning, the place may be any other station) or as directed by The Comptroller, SKNAU, Jobner -303329 and the rates must be quoted accordingly. No cartage or transportation charges shall be payable.</p> <p>(iv) The net rate must be inclusive of all charges by way of packing, forwarding, incidental or transit charges, including transit insurance, and any other levies or duties etc. on the subject matter of procurement, except GST.</p> <p>(v) Excise duty or surcharge prevailing on the date of submission of bid rate must be included in the net rate and should also be shown separately in the Financial Bid (BF-III). In the event of any subsequent variation (increase or decrease) in the rate of excise duty, GST by the government (state or central), the same will be admissible accordingly.</p> <p>(vi) If the rates of item quoted are found same from two or more bidders, then the such bidders shall be asked to submit revised financial bid, containing reduced rates within given time by The Comptroller, SKNAU, Jobner -303329 the rates must be written both in words and figures. In case of discrepancy between the prices quoted in words and in figures, lower of the two shall be considered. There should not be errors or overwriting and corrections, if any, should be made clearly and initialed with dates. Element of the Rajasthan GST or Central Sales Tax should be mentioned separately.</p> <p>(vii) The bidder will exercise all due diligence at their own level regarding applicability of other taxes, duties and fees etc. for the unit of supplies as specified in the bid document and accordingly include the same in their quotes. Any additional/extra claims over and above the rates agreed pertaining to taxes, duties and fees etc. will not be entertained later on any account.</p> <p>(viii) (A) No part of the bid document should be detached/deleted. (B) The bidder shall sign with seal on every page of the bid form and terms & conditions in token of his acceptance of all the terms & conditions of the bid and upload the same along with bid documents. He should also sign at the bottom of each page of the original bid items, Non receipt of terms and conditions duly signed with the bid shall render the bid to be rejected.</p> <p>(ix) Any change or insertion of any other condition or stipulation in the above terms of supplies are not allowed and if so found, this shall render the bid to be rejected without notice.</p> <p>(x) For comparison of rates, the average comprehensive annual maintenance charges shall be added to the rate quoted for the equipment's, if comprehensive annual maintenance is applicable.</p>
7	PERFORMANCE SECURITY (P.S.) AND AGREEMENT:
	<p>(i) The Performance Security (P.S.) shall be 05% of the total value of stores ordered for supply. The Procurement Officer will not release payment for supplies, until the additional Performance Security due is either deposited by the supplier or additional P.S. as calculated, is withheld.</p> <p>(ii) The bid security of successful Bidder will be adjusted towards Performance</p>

	<p>Security. The bidders shall submit DD/Banker's cheque in Technical Bid(Cover- 'A').</p> <p>(iii) The performance security shall be refunded after six months after satisfactory completion of contract and after satisfying that there are no dues outstanding against the bidder subject to warranty provisions.</p> <p>(iv) Firms, which are registered as micro and SSI units with the Department of Industries, Rajasthan shall furnish the amount of performance security @1% of value of indicative quantity as per bid catalogue on furnishing attested copy of Acknowledgment of EM-II issued by DIC with an affidavit as per BF-VIII.</p> <p>(v) It is to be noted that earlier years bid security and performance security, even if lying in this University shall not be considered towards this contract and therefore fresh bid security/performance security shall be deposited.</p> <p>(vi) The University will pay no interest on bid security or performance security amount.</p> <p>(vii) Successful bidders will have to execute an agreement on a Non Judicial Stamp Paper of an amount mentioned in the offer letter, in the prescribed form with the Comptroller, SKNAU, Jobner -303329 and deposit performance security within 15 days from the date of acceptance of the bid is communicated to him. However, Comptroller, SKNAU, Jobner-303329 may condone the delay in execution of contract by the bidder. The expenses in this regard shall be borne by the successful bidder. The validity of contract under this agreement shall be for a period, as mentioned.</p> <p>(viii) The bidder shall furnish the following documents at the time of execution of agreement: -</p> <ol style="list-style-type: none"> a. Attested copy of Partnership Deed, in case of Partnership Firms; b. Registration Number and year of registration, in case partnership firm is registered with Registrar of Firms; <p>(ix) Address of residence and office, telephone numbers, in case of Sole Proprietorship with Registration issued by Registrar of Companies, in case of Company.</p> <p>(x) In case of breach of any terms and conditions of the contract or on unsatisfactory performance, the amount of performance security shall be liable to forfeiture by Comptroller, SKNAU, Jobner -303329 and decision of the Comptroller, SKNAU, Jobner -303329 shall be final.</p> <p>(xi) Public Sector Undertakings need not to furnish amount of performance security.</p> <p>(xii) The contract can be repudiated at any time by the Comptroller, SKNAU, Jobner - 303329 if the supplies are not made to his satisfaction after giving an opportunity to the Bidder of being heard and after reasons for repudiation being recorded by him in writing. However, the Comptroller, SKNAU, Jobner -303329 may terminate the agreement of contract at any time without notice/intimation to the successful bidder.</p>
8	SUPPLY ORDERS:
	<p>(i) Supply order will be placed through registered post/e-mail/any communication medium by the University/constituent college. The date of dispatch of letter or communication date will be treated as the date of order for calculating the period of execution of order. The successful bidder will execute the orders within a period of 30 days or as specified in the supply order.</p> <p>(ii) The successful bidder acknowledges receipt of orders within 7 days from the date of dispatch of order, failing which the procuring entity may be at liberty to initiate action to purchase the items on risk & cost purchase provision.</p> <p>(iii) The ready stock position of the item, if provided by the firm, may be considered by the University for the Placement of supply orders.</p> <p>(iv) It may be noted that the University does not undertake to assist in the procurement of raw material, whether imported or controlled or restricted, and as such the bidders must offer their rates to supply the specific items from own quota of raw material stock by</p>

	<p>visualizing the prospect of availability and requirement. Any of the above points if taken, as argument for non-supply/delayed supply will not be entertained.</p> <p>(v) The above quantities are only indicative for purchase of above said items. If the procuring entity does not procure any subject matter of procurement or procures less than the quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation. No minimum quantity is warranty. Repeat orders for extra items or additional quantities up to 50% of the value of goods of the original contract as per provisions of RTPPA, 2012 and RTPPR, 2013 may be placed on the rates and conditions given in the contract.</p>
9	<p>PURCHASE PREFERENCE: -</p> <p>Purchase preference to the permeable extent of the requirement will be admissible to the goods produced or manufactured by registered small scale industries of Rajasthan over goods produced or manufactured by Industries outside Rajasthan as per RTPP Act./Rules and other prevalent rules/guidelines of Govt. of Rajasthan and in accordance to amendments issued from time to time by Finance Department, Govt. of Rajasthan..</p>
10	<p>TERMS OF PAYMENT: -</p> <p>I. Payment shall be released on receipt of certificate of supply as per specifications mentioned in e-tender and in good condition from the consignee along with the bill. Installation/commissioning of lab equipment's and rendition of required satisfactory training to the consignee's personnel, if any, shall also be necessary for releasing payment. In case of delayed supplies, deduction of L.D. as per provisions shall be made from payments. The firms shall seek time extension from the University before delayed dispatch of supplies.</p> <p>II. Payment shall be made by NEFT/RTGS/account payee bank demand draft/banker's cheque, as the case may be. Expenses on this account, if any, shall be borne by the firm.</p> <p>III. No advance payments towards cost of items will be made to the bidders.</p> <p>IV. All bills/invoices should be raised in triplicate and in the case of Excisable items; the bills should be drawn as per Central Excise Rules in the name of the authority concerned.</p> <p>V. If at any time during the period of contract, the price of bid items is reduced or brought down by any law or Act of the Central or State Government or by the bidder himself, the bidder shall be bound to inform the Comptroller, SKNAU, Jobner - 303329 Immediately about it. Purchasing authority shall be empowered to unilaterally effect such reduction as is necessary in rates in case the bidder fails to notify or fails to agree for such reduction of rates.</p> <p>VI. In case of any enhancement in Excise Duty due to notification of the Government after the date of submission of bids and during the bid period, the quantum of additional excise duty so levied will be allowed to be charged extra as a separate item without any change in the basic price structure of the items approved under the bid. For claiming the additional cost on account of the increase in Excise Duty, the bidder should produce a letter from the concerned Excise authorities for having paid additional Excise Duty on the goods supplied to ordering authority and also must claim the same in the invoice separately. Similarly if there is any reduction in the rate of excise duty of items, as notified by the Government, after the date of submission of bid, the quantum of the price to the extent of reduction of excise duty of items will be deducted without any change in the basic price structure of the items approved under the bidder.</p> <p>VII. In case of successful bidder has been enjoying excise duty exemption on any criteria, such bidder will not be allowed to claim excise duty at later point of time during the tenure of contract, if the excise duty become chargeable on goods manufactured due to any reason.</p> <p>VIII. If there is any hindrance by the consignee to provide the required site for installation</p>

	the part payment of equipment will be made/decided by the Comptroller, SKNAU, Jobner -303329.
11	LIQUIDATED DAMAGES:
	<p>(i) The time specified for delivery in the bid form shall be deemed to be the essence of the contract and the successful bidder shall arrange supplies within the period on receipt of order from the Purchasing Officers.</p> <p>(ii) In case of extension in the delivery period with liquidated damages, recovery of L.D. shall be made at such rates, as given below, of value of stores which the bidder has failed to supply :-</p> <p>(a) Delay up to one- fourth period of the prescribed Delivery Period - 2.5%</p> <p>(b) Delay exceeding one fourth but not exceeding half of the Prescribed delivery period – 5%</p> <p>(c) Delay exceeding half but not exceeding three- fourth of the Prescribed delivery period - 7.5%</p> <p>(d) Delay exceeding three- fourth of the prescribed period -10%</p> <p>Fraction of a day in reckoning the period of delay in supplies shall be eliminated if it is less than half a day. The maximum amount of agreed liquidated damage shall be 10%.</p> <p>(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 Comptroller, SKNAU, Jobner -303329. for the same immediately on occurrence of the hindrances but not after the stipulated date of completion of supply. The firms shall ensure extension of delivery period for delayed supplies. The payment shall only be released by purchase officer after sanction of extension in delivery period.</p> <p>(iv) Delivery period may be extended with or without liquidated damages. If the delay in the supply of goods is on account of force majeure i.e., which is beyond the control of the bidder, the extension in delivery period may be granted without Liquidated Damage.</p> <p>(v) If the bidder is unable to complete the supply within the specified or extended period, the purchasing officer shall be entitled to purchase the goods or any part thereof from elsewhere without notice to the bidder on his (i.e., bidders) account at his cost and risk, with the prior approved from the Comptroller, SKNAU, Jobner -303329. The bidder shall be liable to pay any loss or damage which the purchasing officer may sustain by reasons of such failure on the part of the bidder.</p> <p>The bidder shall not be entitled to any gain on such purchases made against default. The recovery of such loss or damage shall be made from any sums accruing to the bidder under this or any other contract with the University/government. If recovery is not possible from the bill and the bidder fails to pay the loss or damage within one month of the demand, the recovery of such amount or sum due from the bidder shall be made under the Rajasthan Public Demand Recovery Act, 1952 or any other law for the time being in force. In case supplier fails to deliver ordered goods, the risk purchases may be made at market rate from any other firm. It is mandatory for the approved supplier to acknowledge receipt of orders within seven days from the date of dispatch of order, failing which the procuring entity will be at liberty to initiate action to purchase the items on risk purchase provision at the expiry of the prescribed supply period.</p>
13	INSPECTION:-
	<p>(i) The goods viz., lab equipment's etc. shall be according to specifications provided at Section V, (3) schedule of supply and shall be inspected by the agency/committee as mentioned in the supply order or amended thereafter by competent authority. In case of BIS Items, inspection shall be strictly as per relevant BIS specifications with latest amendments and have been made applicable by B.I.S. at the time of inspection. The inspection and testing of the material may be got done by any Inspecting Agency/Committee of experts at the works of the Manufacturer or at site of installation. The supplier shall provide all facilities for inspection/testing free of cost.</p>

	<p>(ii) Notwithstanding the fact that the authorized inspecting agency had inspected and/or has approved the stores/articles, the procurement officer or his authorized Expert /Associate Professor/Comptroller or his/her nominee, may inspect the item/material as soon as it is received in the stores to ensure that the supply is in accordance with the specifications laid down in contract.</p> <p>(iii) In case of doubts in inspection/ test, same may be got inspected or tested in any laboratory. If the material is not found as per specifications or defective, consignee will not accept the material and shall inform the Comptroller, SKNAU, Jobner-303329 within 3 days. Consignee may also simultaneously ask the firm for removal of defect/replacement. The firm shall be bound to remove the defect or replace the defective equipment/item within 15 days of receipt of intimation from the consignee. However the date of delivery, in case of defective item shall be taken as the date on which the University accepts the item after replacement of defective material/removal of defects as the case may be. Wherever defective item is replaced, the inspection/testing charges, if any, shall be borne by the supplier.</p> <p>(iv) If required, the consignee may refer inspection committee to match the specification with available reserved sample with the University which is submitted by the firm/supplier at the time of technical approval.</p> <p>(v) In case of imported item, the supplier shall ensure that the item shall be inspected by the third party Inspection Agency before dispatched to the consignee. In case any un-inspected item has been found in the item received by consignee, the firm shall be solely responsible for it and the University shall be free to take suitable necessary action as per terms and conditions of bid documents/agreement against the firm.</p>
14	PACKING & INSURANCE:
	<p>(i) The good will be delivered at the destination in perfect condition. The firms if so desires may insure valuable goods against loss by theft, destruction or damages by fire, flood, under exposure to weather of otherwise in any situation. The insurance charges will have to be borne by the supplier and the University shall not be required to pay any such charges, if incurred.</p> <p>(ii) The firm shall be responsible for the proper packing so as to avoid damages under normal conditions of transport by Sea, Rail, Road or Air and delivery of material in good condition to the Procurement Officer's store. In the event of any loss, damage, breakage or leakage or any shortage the firm shall be liable to make good such loss and shortage found at destination after the Checking/inspection of material by the consignee. No extra cost on such account shall be admissible. The firm may keep its agent to verify any damage or loss discovered at the consignee's store, if it so likes.</p> <p>(iii) Packing, cases, containers and other allied material if any shall be supplied free, except where otherwise specified by the firm(s) and agreed by the University and the same shall not be returned to him.</p>
15	REJECTION:
	<p>(i) Articles not as per specification/ or not approved shall be rejected by the University/consignee and will have to be replaced by the supplier firm at its own cost within 15 days or as time limit fixed by the University.</p> <p>(ii) All the stores supplied shall be of the best quality and conforming to the specification, trademark laid down in the schedule attached to agreement and in strict accordance with and equal to the approved, standard, samples. In case of any material of which there are no standards or approved samples, the supply shall be of the best quality to be substantiated by documents. The decision of the Comptroller, SKNAU, Jobner - 303329 as to the quality of stores be final and binding upon the bidder. In case any of the articles supplied are not found as per specification or declared sub-standard/spurious, that shall be liable to be rejected and any expenses of loss caused to the supplier as a result of rejection of supplies shall be entirely at his account.</p> <p>(iii) If, however, due to exigencies of Government work/interest such replacement either in whole or in part is not considered feasible, the prices of such articles will be</p>

	<p>reduced suitably. In cases where material has been used & some defect are noticed then the firm can be allowed to rectify/replace defects in portion of such defective material. The prices fixed by the Comptroller, SKNAU, Jobner -303329 shall be final.</p> <p>(iv) The rejected item must be removed by the firm, within 15 days of the date of intimation of rejection. The officials concerned will take reasonable care of such material but in no case shall be responsible for any loss, damage, shortage that may occur while it is in their premises.</p> <p>(v) No payment shall be made for defective/incorrect items. However, if payment has been made, then defective items shall be allowed to be removed only after the firm replaces material as per specifications, duly inspected. If the payment has not been made, the firm may be allowed to remove the material without prior replacement (provided firm has performance Security as per condition no. 19) Joint inspection of defective material may be carried out as required by the University. However, sample of BIS marked material found defective shall be kept by consignee for reference to BIS.</p> <p>(vi) In case firm wants to take back item to their works for rectification then firm has to deposit payment received against such defective supplies. In case supplier has not received any payment then material be returned to supplier firm for rectification.</p> <p>(vii) The Bidder shall be responsible for the proper packing and delivery of the material to the consignee. In the event of any loss, damage, or breakage, leakage or shortage in transit, the Bidder shall be responsible. No extra cost on such account shall be admissible.</p>
16	CORRECTION OF ARITHMETIC ERRORS:
	<p>Provided that a financial bid is substantially responsive, the procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:</p> <p>(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;</p> <p>(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.</p> <p>(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 clause (a) and (b) above.</p> <p>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 Declaration shall be executed.</p>
17	PROCURING ENTITY'S RIGHT TO VARY QUANTITY:
	<p>(i) The quantity of goods viz., lab equipment's /implements etc. originally indicated in the bidding document may vary without any change in the unit prices and other terms and conditions of the bid and the conditions of contract.</p> <p>(ii) If the Comptroller, SKNAU, Jobner-303329 procures less than the quantity indicated in the bidding documents the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.</p> <p>(iii) If the Bidder fails to supply the Comptroller, SKNAU, Jobner-303329 shall be free to arrange/procure the items and the extra cost incurred shall be recovered from the Supplier.</p>
18	VALIDITY OF BID:
	<p>Bids shall be valid for a period of 90 days from the date of opening of technical bid. Prior to the expiry of the period of validity of bid, the procuring entity, may request the bidders to extend the bid validity period for an additional specified period of time. A bidder may refuse the request and such refusal shall be treated as withdrawal of the bid but in such circumstances bid security shall not be forfeited.</p>
19	PRICE ESCALATION:

	Price Escalation or Price Variation shall not be applicable or considered under any circumstances for the purchases made under this bid or agreement. However, the provisions provided for tax variations are exclusive to this clause.
20	SUBLETTING OF CONTRACT:
	Subletting or assigning contract to third party is prohibited. In the event of Bidder violating this condition, the Comptroller, SKNAU, Jobner-303329 shall be at liberty to place the contract elsewhere on the Bidder's account and at his risk. The Bidder shall be liable for any loss or damage, which the Government may sustain in consequence or arising out of such replacement of the contract.
21	FALL CLAUSE: -
	The prices under contract shall be subject to price fall clause. The prices charged for the store supplies under the contract by successful bidder shall in no event exceed the lowest price at which the successful bidder sells the stores of identical description to any other persons during the period of the contract in the state of Rajasthan. If any time, during the period of the contract, the bidder reduces the sales price chargeable under the contract, he shall forth with notify such reduction to the Comptroller, SKNAU, Jobner-303329. and the price payable under the contract for the stores supplied after the date of coming into force of such reduction or sale shall stand reduced correspondingly. It implies that if the contract holder quotes/ reduces its price to render similar goods at a price lower than the contract price to anyone in the State at any time during the currency of contract including extension period, the contract price shall be automatically reduced with effect from the date of reducing or quoting lower price for all delivery of subject matter of procurement under contract and the Contract shall be amended accordingly.
22	GRIEVANCE REDRESSAL DURING PROCUREMENT PROCESS:
	<p>(i) The Designation and address of the First Appellate Authority is Hon'ble Vice Chancellor, Sri Karan Narendra Agriculture University, Jobner, Distt. Jaipur (Raj.) - 303 329 or as decided by University authorities or GOR.</p> <p>(ii) The Designation and address of the Second Appellate Authority is, Principal Secretary/ACS, Department of agriculture, GOR or as decided by University Authorities or GOR.</p> <p>(iii) 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 of 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 ground on which he feels aggrieved: Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in procurement proceedings: Provided 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 filed only by a bidder whose technical bid is found to be acceptable. 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.</p> <p>(iv) 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 first appellate authority, the bidder or prospective bidder or the procuring entity, as the case may be, may file a second appeal to second appellate authority specified in the bidding 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.</p> <p>(v) Appeal not to lie in certain cases</p>

	<p>No appeal shall lie against any decision of the procuring entity relating to the following matters, namely:-</p> <ol style="list-style-type: none"> a. Determination of need of procurement; b. Provision 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. <p>(vi) Form of Appeal</p> <ol style="list-style-type: none"> (a) An appeal under Para (1) or (3) above shall be in the Form (BF-XV) 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. <p>(vii) Fee for filling appeal</p> <ol style="list-style-type: none"> (a) Fee for first appeal shall be rupees 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. <p>(viii) Procedure for disposal of appeal</p> <ol style="list-style-type: none"> (a) The first appellate authority or second appellate authority, as the case may be, upon filling of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing. (b) On the date fixed for hearing, the first appellate authority or second appellate authority, as the case may be, shall,- <ol style="list-style-type: none"> 1) Hear all the parties to appeal present before him; and 2) 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 free of cost. (d) The order passed under sub-clause (c) above shall be placed on the State Public procurement Portal.
23	<p>COMPLIANCE WITH THE CODE OF INTEGRITY AND NO CONFLICT OF INTEREST:</p>
	<p>Any person participating in a procurement process shall-</p> <ol style="list-style-type: none"> 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 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 any-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 part 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. <p>Conflict of Interest:-</p> <p>The Bidder participating in a bidding process must not have a conflict of interest. A</p>



	<p>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.</p> <p>A Bidder may be considered to be in conflict of interest with one or more parties in bidding process if, including but not limited to:</p> <ol style="list-style-type: none"> Have controlling partners/shareholders in common; or Receive or have received any direct or indirect subsidy from any of them; or Have the same legal representative for purposes of the Bid; or Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the Bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or 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 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 Services that are the subject of the Bid; or 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.
24	<p>DISPUTE SETTLEMENT MECHANISM:-</p> <p>If any dispute arise out of the contract with regard to the interpretation, meaning and breach of the terms of the contact, the matter shall be referred by the Parties to the Comptroller, SKNAU, Jobner-303329 who will appoint his senior most official as the Sole Arbitrator of the dispute who will not be related to this contract and whose decision shall be final. All legal proceedings, if necessary arise to institute may by any of the parties (University or Contractor) shall have to be lodged in courts situated at Jaipur in Rajasthan and not elsewhere.</p>
25	<p>All correspondence in this connection should be addressed to the Comptroller, SKNAU, Jobner-303329. Technical questions should be referred to the Comptroller, SKNAU, Jobner-303329 direct by correspondence or by personal contact.</p>
26	<ol style="list-style-type: none"> Direct or indirect canvassing on the part of Bidders or their representative shall disqualify their bids. Supplier may be disqualified, banned or suspended from business during the rate contract, if :- <ol style="list-style-type: none"> fails to execute a contract or fails to execute it satisfactorily ; no longer has the technical staff or equipment considered necessary ; is declared bankrupt or insolvent or its financial position has become unsound, and in the case of a limited company, it is wound-up or taken into liquidation ; The firm is suspected to be doubtful loyalty to state. The State Bureau of Investigation (SBI) or any other investigating agency recommends such a course in respect of a case under investigation. the Comptroller, SKNAU, Jobner-303329 is prima- facie of the view that the firm is guilty of an offence involving moral turpitude in relation to business dealings, which if established would result in business dealing with it banned.
27	<p>No action on the letter head of the Bidder /firm regarding any complaints against the University will be considered unless the letter head bears the signature of the Bidder or the authority higher than the bid signatory of the firm.</p>
28	<ol style="list-style-type: none"> If any certificate/documents/information submitted by the Bidder found to be false/forged/fabricated/vexatious or frivolous or malicious appeals or complaints etc. than bidder shall be liable for the appropriate legal action/RTPPA provision along with disqualification, banning, suspension etc. for limited or unlimited period.

	(ii) Bidders are required to submit wanted information (if any) based on the facts. If the furnished information by the firm found to misleading or not based on facts disciplinary action against the firm may be taken as to banning concerned item/items for certain or uncertain period.
29	The University reserves the right to accept any bid not necessarily the lowest. University may reject any bid without assigning any reasons and accept bid for all or anyone or more of the articles for which Bidder has been given or distribute items of stores to more than one firm/supplier.
30	The Purchase Committee will have the right of rejection of all or any of the quotations without giving any reason for the same.
31	Extra stipulation or any other condition contrary to the above bid conditions are not acceptable and may render the bid liable to rejection.
32	The Bidder must sign all the pages of bid document at the below of terms & conditions agreeing to abide by all conditions of the bid and accept them <i>in toto</i> . The Signing of BF-IX shall be treated as acceptance of all the terms and conditions of the biddocument.
33	The Purchase Committee of the Comptroller, SKNAU, Jobner-303329 may relax or change/ modification in terms and conditions in the exigency excluding fundamental changes. In case of such urgency the terms & conditions shall be got approved from the Comptroller, SKNAU, Jobner-303329 as the case may be.
34	JURISDICTION: - All actions, legal proceedings and suits arising from or connected to this bid shall be subject to the exclusive jurisdiction of courts in Jaipur only.





श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय

जोबनेर 303329, जिला जयपुर (राजस्थान)

फोन नं. 01425-254988(का.)

e-mail Id : comptroller@sknau.ac.in

वित्त नियंत्रक

क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/

दिनांक :

Section VI B: -Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The clauses of special conditions of contract are as follows:-

Clause No.	Particulars
1.	Technical details, bid form duly signed in all respect, bid security and all other required documents should be submitted in Cover "A" and Financial details (BOQ), should be submitted in Cover "B" otherwise bid will not be considered.
2.	Pre-requisite, if any, for installation, including UPS, Computer, Printer, and other items should be provided by the firm in technical bid and financial bid, respectively.
3.	Conditional bids will not be considered.
4.	List of consumable items is to be provided in technical bid for quoted item (s), if necessary, which is/are not covered under the warranty; otherwise all the consumables will be treated as spare parts covered under the warranty.
5.	Transshipment will be permitted and partial shipment not allowed.
6.	Normally, payment will be released after installation, demonstration and commissioning of equipment/machine and satisfactory operational training, if required.
7.	The bidder should quote rates in Indian rupees and payment will be made in Indian rupees (INR) only.
8.	All certificates should be valid on the date of submission of bids and issue of supply order.
9.	The bidder should have well equipped local service center in India preferably in Rajasthan.
10.	The bidder shall be a manufacturer/direct importer/Distributor/Authorized dealer who must have manufactured/ imported and supplied and installed these farm machinery/implements in India satisfactorily. The list of such installation of the equipment's etc may be asked from the bidder in verification of BF-VI information and he should submit self-attested copy of purchase order, indent and invoice (inclusive of quantity & rate).
11.	In case of imported item, the bidder will have to produce third party inspection report from NABL approved/accredited laboratory or ERTL or DGS&D or Central/State Govt. laboratory or Central/State Govt. approved laboratory pertaining to specification and performance of each supplied machine/equipment with the consignment. All expenses regarding third party inspection will be borne by the bidder.
12.	The Name, Make, Model and Brand of Lab equipment's & AC etc ,which are offered, should be mentioned in BOQ against each item. Mere indication of English/USA/Indian will not serve the purpose.
13.	In the case of supply of imported item the suppliers may be asked to furnish a certificate to the effect that the firm has completed all the formalities in connection with import of the item in question.
14.	The bidding process shall be subject to the provisions of the Rajasthan Transparency in

	Public Procurement Act and Rules made there under.
15.	Any other, if required.

APPLICABILITY OF CLAUSES: - All the clauses from 1 to 34 of general terms and conditions and from 1 to 15 of special terms and conditions, formats & enclosures are applicable for the bid items.

Comptroller

I/We have read the above terms and conditions and I/We agree to abide myself/ourselves by the above terms & conditions of the bid document

Signature of Bid with Seal





श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय

जोबनेर 303329, जिला जयपुर (राजस्थान)

फोन नं. 01425-254988(का.)

e-mail Id : comptroller@sknau.ac.in

वित्त नियंत्रक

क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/

दिनांक :

Section VI C: Contract Forms (CF)

Table of contents

S. No.	Description
1.	Letter of Acceptance (CF-1)
2.	Agreement Form (CF-II)
3.	Schedule of Rates (CF-III)



श्री कर्ण नरेन्द्र कृषि विश्वविद्यालय

जोबनेर 303329, जिला जयपुर (राजस्थान)

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क्रमांक: एफ.03()वि.नि./कोष./श्रीकनकृवि/2025/

दिनांक :

CF-I

LETTER OF ACCEPTANCE

M/s

Sub :- Acceptance of the bid rates for the item

Ref :- Your bid no.dated

1. Item (s) as per schedule enclosed/ noted/is/are approved in your favor against the rate (s) quoted by you in the above-mentioned bid. According to clause No. 18 of the terms & conditions of the bid it is necessary to execute as agreement in the prescribed form enclosed, on a Non – Judicial Stamp Paper of..... and furnish the requisite amount of performance security. The amount of performance security calculated on the basis of the approved items and indicative quantity mentioned in the bid from works out to (.....Only).
2. The performance security shall be furnished to the Comptroller, SKNAU, Jobner-303329. through bank draft/banker's cheque payable at Jobner.
3. All terms and conditions of the Bid document shall be an integral part of the contract. You are informed to return the agreement form along with schedule of rates for approved item (s) in duplicate duly filled in and signed by you with signature and addresses of two witnesses below signature at the appropriate place mentioned in the agreement form. The copies of the agreement form must be send duly completed in all respect along with the amount as mentioned above falling which it will be treated as a breach of the terms and conditions of the bid and it will also be presumed that you are not interested in entering into the contract and approval of the rates shall be cancelled without notice or any reference.
4. The list of approved items may be checked and in case there is any difference between your offer and the approved rates, the same may be intimated immediately, failing which it will be presumed that it is correct as per your offer and technical specification.
5. Please note that self-attested/notarized copies of documents shall be considered valid. If photo copies are submitted, than at the time of signing the agreement, the firm shall bring original documents for confirmation.
6. You are therefore; requested to please complete the above formalities within 15 days from the date of issue of this letter. The duly signed duplicate copy of the agreement will be returned to you for reference.

Comptroller

Encl.:

1. Agreement form
2. Schedule of Rates
3. Any other

(Shall be submitted on letter head of firm)

AGREEMENT

1. This deed of agreement is made on this day of 20 for the contract period from.....ending.....of farm machinery/implements/instruments/items..... between M/s Proprietor/Managing Director/ Managing Partners having its registered office at..... and its factory premises at..... (Hereinafter called "the approved supplier", which expression shall where the context so admits, be deemed to include his heirs successors, executors and administrators unless excluded by the contract) on the one part and SKN Agriculture University, Jobner Distt. Jaipur represented by it's the Comptroller, SKNAU, Jobner-303329 having its office at the of Comptroller, SKNAU, Jobner-303329 (hereinafter referred to as "The Procuring Entity" which term shall include its successors, representatives, executors, assigns and administrator unless excluded by the contract) on the other part.
2. Whereas the supplier has agreed with the Procuring Entity, the lab equipment's / implements and other supplies with specifications mentioned in the Schedule attached here to at the prices noted here in and in the manner and under the terms and conditions here in after mentioned to the SKNAU, Jobner of the State of Rajasthan at its head office as well as at offices/consignees throughout jurisdiction of the University, all those articles/items set forth in the schedule appended hereto in the manner set forth in the conditions of the bid and contract appended herewith and at the rates set forth in **column No. ---** (Approved Rate) of the said attached schedule.
3. And whereas the approved supplier has deposited with the Procuring Entity a sum of ----- **(In words only)** as sum Performa deposit for the due and faithful performance of this agreement, to be forfeited in the event of the Supplier failing duly and faithfully to perform it. Now this present witness that for carrying out the said agreement in this behalf into execution the supplier and the procuring entity do hereby mutually covenant, declare, contract and agree with each other of them in the manner following, that is to say,
 - (i) The term "**Agreement**", wherever used in this connection, shall mean and include the terms and conditions contained in the invitation to bid floated for the supply of equipment's and instruments for SKNAU, Jobner the instruction to Bidders, particulars hereinafter defined and those general and special conditions that may be added from time to time.
 - (ii) a. The agreement is for the supply by the Supplier to the Procuring Entity of equipment's and instruments specified in the Schedule attached here to at prices noted against each therein on the terms and conditions set forth in the Agreement.
b. The Agreement shall be deemed to have come into force with effect from the dateand it shall remain in force for a period of twelve months or as for extended period.
c. The indicative quantity noted against each item in the table-1 attached hereto indicates only the probable total requirements of the Procuring Entity in respect of each item for the placement of supply orders. This quantity may increase or decrease at the discretion of the Procuring Entity as per provisions of RTPPA, 2012 and RTPPR, 2013. The supplier shall supply for the equipment and instruments and on the basis of the supply orders by the procuring authorities specifying the quantities required to be supplied at the specific location in the state of Rajasthan, as mentioned in bid document.
4. **Now these Presents witness:**
 - (i) In Consideration of the payment to be made by the Comptroller, SKNAU, Jobner-303329 or consignee offices at the rates set forth in the schedule hereto a appended the approved supplier



will duly supply the said articles set forth in Schedule of Rates and supply order thereof in the manner set forth in the conditions of the bid and 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.

- (ii) The conditions of the bid and contract for open bid enclosed to the bid notice No.....Dated :..... & corrigendum no.....Dated:..... and 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.
 - (iii) Letters received from Bidder and letters issued by in the regard of this bid and also as appended to this agreement shall also form part of this agreement.
 - (iv) SKNAU, Jobner 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, SKNAU, Jobner will through Demand Draft/RTGS/NEFT Transfer 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.
 - (v) The mode of payment will be as specified in terms & conditions of the bid i.e. through NEFT/RTGS/ banker's cheque/Demand Draft etc.
5. The delivery shall be effected and completed within the period noted below from the date of supply order:-

S. N.	Items/Quantity	Delivery Period
1	As per supply order	As per terms & conditions of bid

6.

- I. The time specified for delivery in the bid form shall be deemed to be the essence of the contract and the successful Bidder shall arrange supplies within the period on receipt of order from the procuring entity.
- II. In case extension in the delivery period is granted by the procuring entity with liquidated damages (L.D.), the recovery shall be made on the basis of following percentages of value of stores, which the supplier fails to supply: -
 - (a) Delay up to 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%
 - (c) Delay exceeding half but not exceeding three fourth of the prescribed delivery period-7.5%
 - (d) Delay exceeding three fourth of the prescribed delivery period-10%

Fraction of a day in reckoning period of delay in supplies shall be eliminated if it is less than half a day. 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 supplier.

7. **Termination of Contract on Breach of Condition**

- (i) (a) In case the supplier fails or neglects or refuses to faithfully perform any of the covenants on his part herein contained, it shall be lawful for the procuring entity to forfeit the amount deposited by the supplier as performance security and cancel the contract.
- (b) In case the supplier fails, neglects, or refuses to observe, perform, fulfill and keep, all or any one or more or any part of any one of the Covenants, stipulations and provisions herein contained, it shall be lawful for the procuring entity or any such failure, neglect or refusal, to put an end to this agreement and thereupon every article, cause and thing herein contained on the part of the procuring entity shall cease and be void, and in case of any damage, loss, expense, difference in cost or other moneys from out of any moneys for the time being payable to the supplier under this and/or any other contract and in case such last

mentioned moneys are insufficient to cover all such damages, losses, expenses, difference in cost and other moneys as aforesaid, it shall be lawful for the procuring entity to appropriate the performance security made by the supplier as herein before mentioned to reimburse all such damages, losses, expenses, difference in cost and other money as the procuring entity shall have sustained, incurred or been put to by reason of the supplier having been guilty of any such failure, negligence or refusal as aforesaid or other breach in performance of this contract.

- (b) If at any time during the course of the contract, it is found that any information furnished by the supplier to the procuring entity, either in his bid or otherwise, is false, the procuring entity may put an end to the contract/agreement wholly or in part and thereupon the provision of clause (a) above shall apply.
- (ii) The procuring entity reserves the right to terminate without assigning any reasons therefore the contract/agreement either wholly or in part without any notice to the supplier. The supplier will not be entitled for any compensation whatsoever in respect of such termination of the Contract/Agreement by the procuring entity.
- (iii) **Notice etc. in writing**
All certificates or notice or orders for time or for extra, varied or altered supplies, which are to be the subject of extra or varied charges whether so described in the agreement or not, shall be in writing, and unless in writing, shall not be valid, binding or be of any effect whatsoever.
- (iv) The supplier shall not in any way be interested in or concerned directly or indirectly with, any of the officers or subordinate or servants of the procuring entity, in any trade, business or transactions not shall the supplier give or pay or promise to give or pay such officer or subordinate or servant directly or indirectly any money or fee or other consideration under designation of "custom" or otherwise; nor shall the supplier permit any person or persons whomsoever to interfere in the management or performance hereof under power of attorney or otherwise without the consent in writing the consent in writing of the procuring entity obtained in first hand.
- (v) In case the Supplier at any time during the continuance of the contract becomes bankrupt or insolvent or commits any act of bankruptcy or insolvency under the provisions of any law in that behalf for the time being in force, or should compound with his creditors, it shall be lawful for the procuring entity to put an end to the agreement, and thereupon every article, clause and thing herein contained to be operative on the part of the procuring entity, shall cease and be void and the procuring entity shall have all the rights and remedies given to him under the preceding clauses.
- (vi) **Serving of notice on supplier:** - All notice or communication relating to or arising out of this agreement or any of the terms thereof shall be considered duly served on or given to the supplier, if delivered/e-mailed to him or left at his premises/e-mail address, place of business or abode.

8. Dispute settlement: -

All disputes arising out of this agreement and all questions relating to the interpretation of this agreement shall be decided by the Comptroller, SKNAU, Jobner-303329 and the decision of the Comptroller, SKNAU, Jobner-303329 shall be final as per bid terms and conditions and it is hereby agreed and declared between the parties hereto that in case any question of dispute arises touching the construction or wording of any of clause herein contained on the rights, duties, liabilities of the parties hereto or any other way, touching or



arising out of the present, the decision of the Comptroller, SKNAU, Jobner-303329 in the matter shall be final and binding. If any dispute arise out of the contract with regard to the interpretation, meaning and breach of the terms of the contract, the matter shall be referred to by the Parties to the Comptroller, SKNAU, Jobner-303329 who will appoint his senior most official as the Sole Arbitrator of the dispute who will not be related to this contract and whose decision shall be final. All legal proceedings, if necessary arise to institute may by any of the parties (University or Contractor) shall have to be lodged in courts situated at Jaipur in Rajasthan and not elsewhere.

9. If the rates of the approved items are reduced in any manner by the G.O.I./other state governments, the approved supplier will have to notify by SKNAU, Jobner and reduce the rates in the same proportion.
10. In addition to the recourse available in the bidding documents or the contract, the bidding process shall also be subject to the provisions of the Rajasthan Transparency in Public Procurement Act, 2012 and Rules, 2013 made there under. All terms and conditions of the bid shall be an integral part of the contract.

11. JURISDICTION:

All actions, proceedings and suits arising from or connected to this Agreement shall be subject to the exclusive jurisdiction of courts in Jaipur.

In witness where of the parties here to have set their hands on the day..... 2024.

Comptroller

Signature of Approved
Supplier with seal

Witness-1

Witness-1

Witness-2

Witness-2



SCHEDULE OF RATES

M/s
.....
.....

Name & Detail of item-.....

S.No	Name of approved item(s) with full specification	Brand/Make	Packing Unit	Approved Rate Per Unit()
1	2	3	4	5

Comptroller

Signature of Approved
Supplier with Seal



Affidavit under price fall clause of Contract

(Shall be submitted on letter head of firm)

I.....S/o Sh.....aged.....year.....

Manager/ Partner/Prop

M/s.....do hereby take oath and state as
under:-

1. That I am..... (Post). of the said Firm/Company/supplier and well conversant with the matter related to the Contract No. 1 with the Comptroller, SKNAU, Jobner-303329 for the item (s).....which was awarded to our company/firm.
2. That the price of said item (s) has neither been quoted or reduced in any other tender nor had supplied the same item to any one at a price lower than the Contract price anywhere in the state of Rajasthan at any time during the currency of the Contract.

(Deponent)

