

**ASSAM AGRICULTURAL UNIVERSITY**

**Jorhat-785013**

**BIDDING DOCUMENT**

(Terms and conditions)



AAU/FA/10(3)/660/Cores/2018-19/8793-97

Dtd: 26/12/18

**DEAN, FACULTY OF AGRICULTURE**

**ASSAM AGRICULTURAL UNIVERSITY  
JORHAT-785013**

# OFFICE OF THE DEAN::FACULTY OF AGRICULTURE

ASSAM AGRICULTURAL UNIVERSITY

JORHAT-785013

## NOTICE INVITING QUOTATION

Sealed quotations are invited from the reputed manufactures/ authorised dealers/ suppliers for supplying the Lab equipments/ Implements etc. The Tender documents may be obtained from the office of the undersigned personally on payment of Tender fee of Rs 300/- (Rupees Three Hundred) only in the form of Crossed Demand Draft to be drawn in favour of Dean Faculty of Agriculture, AAU, Jorhat. The Tender Documents may also be downloaded from the classified section of the web site [www.aau.ac.in](http://www.aau.ac.in) subject to the condition that the bidders must have to submit the Tender fee Rs 300/- along with the quotation, without which the tender/ quotations will be rejected. The earnest money 2% of the unit price of the quoted value of equipments in the form of call deposit drawn in favour of the undersigned must be submitted along with the quotations. The tenders/ quotations will be received up to 1:30 pm on 17-01-2019 and will be opened on the same day. The undersigned reserves the right to accept or reject any or all the quotations without assigning any reason thereof.

(J.Deka)

Sd/-

Dean  
Faculty of Agriculture  
AAU, Jorhat-13

No. AAU/FA/10(3)/660/Cores/2018-19/8793-97

dtd 26-12-2018

Copy for information and necessary action to

1. The Comptroller, Assam Agricultural University, Jorhat-13
2. The System Administrator, ARIS Cell. He is requested to make necessary arrangements for uploading the NIQ with relevant documents in the Assam Agricultural University website.
3. M/s Ad Well Advertising Agency, Jail Road, Jorhat. He is requested to make necessary arrangement to publish the above NIQ in the Assam Tribune and The Dainik Janambhumi in one issue urgently and to submit the bill of cost in quadruplicate with the paper cut in favour of Dean FA, Assam Agricultural University, Jorhat for payment.
4. Notice Board Dean FA/DEE/DPGS, Assam Agricultural University.
5. Office Copy

## List of Items for 2018-19

SI no	Name of Equipments	Specification
1	Refrigearted Centrifuge	
2	UV-VIS Spectrophometer	
3	Video Camera HDR Camcodar	4K HDR (HLG) recording 29.0 mm wide angle
4	Digital Voice Recorder	
5	LED video Light	HVL-LE-1
6	Video Camera (Tripod)	
7	Student Microscope	Monocular tube inclinable upto 90 degrees, tube length 160mm, magnification 100x-100x standered set complete with wide filed eypices NWF10X, hard anti reflection coated color coded par focal achromatic objectives 4x, 10x, 45x, 100x attachable graduated. Fixed square stage of 120x125 mm with stage clip. Movable condenser. Plano concave 50mm adjustable mirror. optional interchangeable with sub stage illuminator. Tripole revolving nosepiece with accurate centering and positive click-stops.
8	Vacuum/Pressure Pump	Powder coated dia cast aluminium body and pump head, neoprene diaphragm with teflon cover, internal pump head surfaces are teflon coated and leaf valves are High grade Stainless steel. The power source is 1/3 HP, 220 V/ 50 Hz motor. Dimensions 235mmLx145 mm Wx 280mm H
9	Pistle & Morter	Bone China (size= 10x6) cm
10	Stage microscope	Standered ERMA
11	Ocular Microscope	Standered ERMA
12	Midi Submarine Electrophoresis with Power Pack	
13	Top Pan Balance	LCD Display, Backlite, ap-1000gm
14	Laboratory Centrifuge, 2500	RPM 3500 - 4800, 4x50ml Capacity head
15	Shaker	Cap 15 Flasks of 250ml, size-450x450mm
16	Tube Auger	3cm dia, 1mM long with handle
17	Soil Moisture Can	
18	Keen Rackzowaski Box	Brass/SS made,3-3-.5mm dia perforated bottom
19	Electric Heater	Round Bottom

20	Pycnometer	Glass-25ml cap with stopper
21	Bouyoucos/ soil Hydrometer	AST 152H, -5 to 60 gms plain form
22	Sieve	300 micron, brass/SS
23	Sieve Set for Yadder apparatus	Brass/SS ( 0.1, 0.25,0.50)mm & ( 1,2,5 &8)mm
24	Tensiometer	Ceramic porus cup length 15,30,60Cm & 1Mtr
25	Soil Moisture Meter	Battery operated double electrode
26	Soil Thermometer	25° to 125°F, accuracy±1°F, 5,10,15 & 20cm
27	Hand held Infrared Thermometer	Backlite LCD Display, 0.1 % accuracy
28	Double Ring Infiltrometer	Brass/SS, 30cm Ht Calibrated ring with perforated metal plate
29	Flame Photometer	Standered Specification
30	Hot Air Oven	Temperature Standered size upto 250 degre C, Double walled inside anodized Aluminium/SS. Perforated adjustable shelves, two indicators and on /off switch. Should work on AC with one number circullating fan & digital temperature controller cum indicator, size 750x750x2400mm
31	Hot Air Oven	
32	Hot Air Oven	Standered size
33	Centrifuge	Standered size
34	Ornital shaker Incubator	Standered size
35	Balance	Standered size
36	pH Meter	Standered size
37	Hot Plate	Standered size
38	PCR Machine/Themocyclar	
39	Gel Doc System	
40	Water purification System	Production rate 5-6 ltr /Hr
41	Autoclave	50 Ltr Cap, vertical 16"x24"
42	StereoZoom Microscope	Microscope stand & Optics Carrier Greenough
43	Digital Compound Microscope	Binocular
44	Refrigator	Cap 284 Ltr/Double Door 422 lits
45	Tensiometer, Gauge Type	100 cm Lt. tension between 0 to 0.85 Bar
46	Tensiometer, Manometer Type	100 cm Lt. tension between 0 to 0.85 Bar
47	Auger ,Screw Type	L-1M, Dia: 2 - 3cm
48	Auger , Bucket Type	L-1M, Dia: 10 cm
49		Size:- 300mm, Plastic made
50	Portable Digital laser infered thermometer	Displays non contact temperature readings up to 572f(300°C) First and accurate measurements with 12:1 field of view

51	Jodhpur Permeator	Perforated Top base Plate, 3Cm Hflanged end plug 2.5
52	Buchner Funnel	Plate dia 125mm, Ht 216mm, Filterpaper Size: 12.5Cm
53	Casagranda liquid limit device	Electric motor operated falling frequency of disc 120 lit/ min. .infall frequency of the disc 120 strikes/min
54	Soil Penetrometer	Ramner wt : 10 kg $\pm$ 10 g, Drops wt = 500mm, penetration depth 6000mm, penetraton ram angle =60° ram angle diameter 40mm
55	Chlorophyll Meter	Portable chlorophyll meter, lightwt (225g) and splash proof , quick & easy measurement without destroying the leaves Compact and suitable for measuring small area (2x3 mm) With data memory for many (30) measurements having recalled or deleted and av value calculation facility. High measuring accuracy. AA size alkaline manganese batteries
56	Fume Hood MAC (Digestion Chamber)	MSW-167, 5X3X2, FC mounting base with storage space and door, S.S lining on work area walls, Fume duct @ Rs 800.00.00 per running feet for 30
57	Portable Laser Leaf Area Meter	High resolution laser scanner , data logger
58	Digital Hand Refractometer	Brix: 0 to 85 Brix, Refractive index 1.3330-1.5040
59	Digital Lux Meter	HVL-LE-1
60	Moisture Box	Diameter: 10 cm, Depth: 6 - 8 cm alluminium made
61	LCD projector	3000 Lumens
62	Semi Automatic Distillation Unit	Automatic dilutation , NAOH addition, Customizable program, Patented stem generator, patented titanium condenser, Technopolymer splash head.

63	6 place digestor	Heating block made of aluminium alloy, programmable -20 programs with 4 rams for each program, Temperature up to 450 degree c, LED display, Efficient jp circulating pump for fume aspiration and SMS scrubber to neutralise fumes included.
64	Top Loading Balance	Capacity 310 g, Readability=0.01 g, AC power source
65	Light meter	Measurement 0 to 50000 lux with 3 ranges, Sensor: The exclusive photorode and colour correction filter, Zero adjustment: External VR on front pannel
66	Mixture Grinder	Heavy duty with three jar, for grinding dry material
67	Temperature and humidity mini data logger	Measures and logs the air temperature and relative humidity easy data transfer via USB cable parctical data analysis and logging on PC with software
68	Digitel oven Thermometer	Temperature gauge with stainless steel sensor probe
69	Non contact Voltage Tester	50 to 1000 v AC power operating range, High intensity bright LED illumination and warning tone sound on voltage detection
70	Digital cooking oil tester	Temperature - PTC range: +400 °c to + 200°c, accuracy± 1.5 °c battery type 2AAA micro batteries
71	Digitel Solar Power Meter	Sensor high sensitivity silicon photodiode, spectral response :400-1100 nm
72	High Pressure Sodium	Kelvin temperature rating of 2000 degree K
73	Desktop Computer	
74	Laser Printer	
75	Magnification Stereo Microscope	7x-90x zoom 33mm wide view 100 mm working distance
76	Over head projector	Resolution 800x600 pixel , aspect ratio 4.3 maximum projection distance 30 ft

77	Sprayer	Std. Size
78	Hand Rotary Duster	Std. Size
79	B.O.D Incubator	
80	B.O.D Incubator	350 L/ Slandered size
81	Laboratory incubator	Double walled, outer body Ms sheet, epoxy coated, glass wool immolation in between the chamber and body filled with thermostat at the top of front synthetic rubber gasket at door perforated adjustable shelves, two indicators and on/off switch to work on 220/230 volts AC supplied with cord
82	Liquid Nitrogen Cane	Standard Size
83	Magnetic Stirrer with hot plate	Standard Size
84	Thermal cycler	Standard Size
85	Gel Electrophoresis system	Standard Size
86	Tempature Controlled water Bath	Standard Size
87	Digital balance	Standard Size
88	Gel Documentation System	Standard Size
89	Microwave oven	Standard Size
90	TiSSue culture rack	Standard Size
91	Micropipettes	Standard Size
92	Defeedering machine	Standard Size
93	Xerox machine	
94	Scanner	
95	Colour printer	CNN G4010 BLK
96	Dlp Projector	120 hz rich connectivity with 2RGB IN , 2 RGB out, Eco mode of power savings and longer lamp life
97	Respirometer	Complete with graduated and leveling tubes, rubber tubing and stand
98	Laminar Air Flow	Standard Size
99	Monocular Microscope	Standard Size
100	Electronic Pression Balance	0.001g-400g

10 1	Digital copier with copy/Print/Scan facility	Copying process: Laser beam scanning and electrophoto graphic printing, Multiple copying upto 99 copies, Resolution upto 600dpi, Zoom 50% to 200%
10 2	Epprovate	It is hand operated and is fitted with an Analog revolution counter which can be prest, provided with aluminum hub with four spokes in which two are collapsible, circumference of rill is 1.125 mtrs accurately
10 3	Denier Scale	range; 0-40, sensitivity 0.25, accuracy 0.25 denier
10 4	Reeling cum Twisting Machine (Muga)	4 spindle capacity motor cum pedel operated
10 5	Eri ( Silk ) Spinning Machine	Motor cum pedal operated single bobbin
10 6	Cordless Amplifer	WA- 320 watts VHE wireless meeting amplifier
10 7	UPS for computer	Inputs 145 v 300v
10 8	DSLR Camera	
10 9	SD memory card for nikon D750	Sony FDR-AX700 4K HDR camcorder
11 0	Sony camcorder battery and charger	Essential accessories
11 1	LED video Light	HVL-LE 1for Camcorder
11 2	Micro phone for video recorder	



## Terms and Conditions

1. The quotation fees of Rs.300/- (Rupees Three hundred only) in favour of Dean, Faculty of Agriculture, AAU, Jorhat is not refundable. Those who will submit the quotation by down loading the tender documents, they must have to submit the quotation fee in the form of DD along with the quotation **without which quotation will be rejected**
2. The bidder shall enclose EMD 2% of the quoted price in the shape of DD drawn in favour of the Dean, Faculty of Agriculture, AAU, Jorhat The bids that are not accompanied by the aforesaid bid security will not be accepted. The details of bid security must be provided. The bid security of the unsuccessful bidders will be released after issuing supply to the successful bidder and the bid security of the successful bidder will be released after execution of the order.
3. The quotation shall be sealed and super scribed at the top of sealed cover **“Quotation for Lab equipments/Farm Implements invited vide memo no. No. AAU/FA/10(3)/660/Cores/2018-19/8793-97 Dtd: 26.12.2018.**
4. Quoted price: To facilitate format evaluation, the bidder shall quote the price of items separately along with relevant papers for supporting the quoted price such as catalogue, dealership certificate and Co’s printed price list, user list etc. failing which the bid shall be treated as non-responsive at the discretion of the purchaser.
5. The bid submitted to the bidder shall remain valid for a period of 90(ninety) days. Bid not conforming to this provision shall be treated as non-responsive.
6. To facilitate prompt evaluation, the bidder shall provide Technical Compliance Report (TCR) and price data for each item separately.
7. Quotation must also be submitted in a **soft copy in CD (to support in Microsoft words only) in the following format failing which the bid treated as non-responsive, at the discretions of the purchaser. In case of any optional items, pictures should be shown separately. Any discrepancies in the soft copy will be the responsibility of the quotationers.**

### Format

Name of Item	Brief Specification	Unit Price	GST/Freight Charge if any (FOR Jorhat)/	Total

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8. The rate shall be quoted for all duties, taxes and other levies payable by the bidder shall be included in the item rate. GST should be quoted separately (TIN No/GST No. must be furnished)

9. There should not be any overwriting. Corrections, if any, should be made with dated initial of bidder. Bidder shall submit quotation separately in each item.

10. Rates should be quoted clearly both in words and figures separately for each item without which the quotation shall stand rejected.

11. The price quoted shall be fixed and not subject to adjustment/variation during the performance of the contract.

12. The warranty of the items shall be as per the prevailing warranty policy/certificate of manufacturer (where necessary) for the items and warranty period shall not be less than months from the date of commissioning of items at site.

13. The bidder shall furnish the warranty for all the items at the time of delivery and commissioning. The purchaser shall reject the items not enclosed by warranty certificate from their manufacturer. The warranty certificate should be duly signed and sealed.

14. Bidders must supply the items at their own cost. **All machineries/equipments are to be supplied FOR destination.** Delivery of goods shall have to be completed within 30 (thirty) days from the date of issuing supply order.

15. Installation and commissioning charges, if any, inclusive of expenses of foundation work etc. are to be mentioned separately against each machine. In case of no mention, the same will be considered as inclusive of installation cost whenever applicable.

16. The machineries are to be supplied ready to operate, complete with motor, starter and any necessary gadgets including catalogues, trouble shooting manual etc. without which the same will be considered as incomplete supply.

17. List of spare parts with current price to be required during operation of the machines and addresses of the source of spare parts availability including contact no., e-mail etc. are to be provided in a separate sheet.

18. Price of one set of critical wearable spares that would hamper the working of the machineries/equipments should be mentioned separately against each machine.

19. The supplier shall provide free maintenance services during the period of warranty. Any repair and maintenance including providing of spare parts (covered by manufacturer's warranty certificate) during the warranty period shall be bidder's responsibility.
20. Detailed specification with make, model, size, and code no., catalogue, and name of manufacturer should be furnished. ISO certificate must be furnished for the offer make where applicable.
21. Copies of S.S.I registration or such documents may be produced with quotation.
22. Attested copies of dealership certificate and Co's printed price list must be enclosed with the quotation.
23. Up-to-date sale Tax clearance certificate and Income Tax return of last two years duly attested must be submitted along with the quotation. PAN No. must be furnished.
24. All payment shall be made preferably in Indian Rupees only.
25. Where ever the laws and regulations require, deduction of taxes at source of payment, the purchaser shall effect such deduction from the payment due the supplier, the remittance of amounts so deducted and insurance certificate for such deduction shall be made by the purchaser as per the laws and regulation in force.
26. The quotation **will be opened on the day of last date of submission at 1-30 p.m.** in the office of the undersigned, AAU, Jorhat-13. The bidder or his authorized representative may attend the bid opening. Except price, no other details will be announced during the opening.
27. Every page of the bidding documents purchased from the purchaser are to be signed by the bidder including their acceptance of terms and conditions and returned with their quotation.
28. The undersigned reserves the right to accept or reject any quotation and to cancel the instant bidding process and reject all quotation at any time prior to award of contact, without thereby incurring any obligation to the affected bidders of grounds for the purchaser action.

**ANNEXURE –I**  
**Format for EMD Details**

Sl.No	Sl. No of the item (as per bid document)	Name of the item quoted	Basic price of the item (excluding taxes and transportation charges)	Price in Indian rupee ( for imported items at the prevailing rate of exchange)	Amount of EMD (2% of basic price)	Details of EMD submitted including amount and validity

**ANNEXURE – II**  
**Format for Technical Compliance Report & Price Data**

1. Sl. No of the item (as per bid document)
2. Name of the item:
3. Name of scheme:

Sl.No	Specification asked for ( strictly as mentioned in bid document)	Specification offered (Corresponding to specification in bid document)	Technical compliance (Yes / No)	Variation if any	Technical literature supporting the technical compliance (Suitably tagged)

**FORMAT FOR QUOTATION**  
**(Separate Quotation for individual items to be submitted)**

Sl. No	Name of the item (s)	Brief Specification	Unit price	% of GST / Freight charge if any (FOR Jorhat)	Total amount

We agree to supply the above items in accordance with the technical specification mentioned. We also confirm that normal commercial warranty / guarantee of .....months shall apply to the offered goods.

Quotationers Name :

signature

Date

Seal

