

भारतीय कृषि अनुसंधान परिषद,

उत्तरपूर्वी पर्वतीय क्षेत्र अनुसंघान परिसर उमियम, मेघालय —793 103 INDIAN COUNCIL OF AGRICULTURAL RESEARCH ICAR Research Complex for NEH Region Umiam, Meghalaya – 793 103



F. No. RC(S)83/2016 /EFC/Pt.I

Dated Umiam, the 13th December, 2016

TENDER DOCUMENT

FOR

PROCUREMENT OF SCIENTIFIC EQUIPMENTS/MACHINERIES UNDER EFC XII Plan (2nd Phase) FOR ICAR, RESEARCH COMPLEX FOR NEH REGION, UMIAM, MEGHALAYA AND ON BEHALF OF ICAR, REGIONAL CENTRES

TENDER No: RC(S)83/2016/EFC/Pt.I	
Date & Time for Submission of Tender	
Date & time for opening of Tender	

Date: 13th December, 2016
9th January, 2017, upto 12.30 p.m
9th January, 2017, at 2.30 pm.

Total No. of pages 14 (fourteen)



भारतीय कृषि अनुसंधान परिषद,

उत्तरपूर्वी पर्वतीय क्षेत्र अनुसंघान परिसर उमियम, मेघालय —793 103 INDIAN COUNCIL OF AGRICULTURAL RESEARCH ICAR Research Complex for NEH Region Umiam, Meghalaya – 793 103



F. No. RC(S)83/2016 /EFC/Pt.I

Dated Umiam, the 13th December, 2016

OPEN TENDER

RE-INVITATION OF TENDER IS INVITED FOR PROCUREMENT OF SCIENTIFIC EQUIPMENTS/MACHINERIES UNDER EFC XII Plan (2nd Phase) FOR ICAR, RESEARCH COMPLEX FOR NEH REGION, UMIAM, MEGHALAYA AND ON BEHALF OF ICAR, REGIONAL CENTRES

Sealed bids are re-invited from the reputed **Manufacturer/ Authorized Dealer/ Government** organizations for supply of Scientific Equipments, having experience in manufacturing/ marketing/ supply of such Equipments/Machineries by ICAR Research Complex for N.E.H. Region, Umiam, Umroi Road, 793103, Meghalaya and on behalf of ICAR, Regional Centres. The details specification of equipments/machineries is as per Appendix -1.

TERMS & CONDITIONS OF THE TENDER

- Cost of Tender paper of Rs. 1000/- (Rupees one thousand) only (Non refundable) to be deposited in the favour of the Director, ICAR Research Complex for NEH Region, Umiam – 793103 by means of Demand Draft payable at SBI, ICAR Complex Branch, Umiam. Non – submission of the cost of Tender paper (consolidated) shall lead to non – consideration of the Tender.
- 2. The Bidders should submit the proposals in two parts:
 - I. Technical Bid (Bid –I)
 - II. Financial Bid (Bid-II)
- 3. Technical part should contain all such details as mentioned in the Bid Document.
- 4. Financial part (BID-II) should contain the financial bid inclusive of all admissible taxes, duties and levies, installation charges, freight charges, Taxes, VAT etc., as may be applicable etc. The rates quoted should be up to ICAR Research Complex for NEH Region, Umiam and Regional Centers i.e FOR Destination for each particular item. The Financial Bid should consist of the Rates, their detailed break –up, etc. Non-compliance of this shall lead to non-consideration of the Bid. The rates must be valid for at least for 1(one) year from the date of quotation.
- 5. These two parts (BID-I & BID II) should be submitted in separate sealed envelopes. Both envelop should then be sealed in a third envelop super scribed as "TENDER NO. RC(S)83/2016/EFC/Pt.I dated 13th December, 2016 due on 9th January,2017 FOR PROCUREMENT OF SCIENTIFIC EQUIPMENTS/MACHINERIES UNDER EFC XII Plan (2nd Phase) FOR ICAR, RESEARCH COMPLEX FOR NEH REGION, UMIAM, MEGHALAYA and On Behalf of ICAR, Regional Centres and addressed to "THE DIRECTOR, ICAR RESEARCH COMPLEX FOR NEH REGION UMIAM, MEGHALAYA-793103".
- 6. The Cost of the Tender (consolidated) as well as the Earnest Money (consolidated) in the form of Bank Draft along with all other Technical Details should be

mandatory kept in the Technical Bid only. Cheque/Bank Guarantee/fixed deposit receipt/ money orders/Cash etc. are not acceptable towards deposit of earnest money.

- 7. In no case Earnest Money will be accepted after opening of tender.
- All Tenders should be sent by Registered Post. Tenders to be handed delivered should be put in the Tender box, kept in the office chamber of Chief Administrative Officer, ICAR Research Complex for NEH Region, Umiam, Meghalaya-793103 not later than <u>12:30</u> <u>P.M. on 9th January, 2017</u>. Tenders received after the due date and time shall not be considered under any circumstances.
- **9.** On the date of opening, only Part-I (Technical Bid) will be opened. Part-II (Financial Bid) shall be opened subsequently only of those tender, whose Technical Bid qualifies as per the laid norms of this tender.

10. Composition of Technical Bid -

- **I.** Profile & Track Record of the company
- **II.** Document in support for Number of years in Scientific Equipments manufacturing/supply.
- **III.** Document in support of last supply orders.
- IV. Balance Sheet for last 3 financial years. Annual Turnover, which will be average of last three years on the basis of balance sheet.
- V. Photo copy of PAN No. issued by Income Tax Department. Photo copy of Service Tax/sale tax/VAT Registration etc. (If not applicable submit the relevant document).
- VI. Non refundable tender Document Fee of Rs. 1000/- in the form of Demand Draft from any Nationalized Bank drawn in favour of the Director, ICAR, Research Complex for NEH Region, Umiam, Meghlaya payable at State Bank of India, ICAR complex branch (If exempted/relaxed submit the relevant document in support of claim). Refundable Earnest Money Deposit (EMD consolidated) of Rs. 20,000 (Rupees twenty thousand only) in the Form of Demand Draft from any Nationalized Bank, drawn in favour of the Director, ICAR, Research Complex for NEH /region, Umiam, Meghalaya. (If exempted/relaxed submit the relevant document in support of claim) The Cost of the Tender paper as well as the Earnest Money along with all other Technical Details should be mandatory kept in the Technical Bid only. Non submission of the Bid Security with quotation shall make the quotation/ bid liable to be rejected.
- VII. Furnishing of related documents like detailed specifications, technical literature, brand name, model and make, catalogue, authorization letter, Dealership Certificate, Manufacturing company registration certificate, product certification, price list (if any) etc. is mandatory, Dealership certificate/Agency Certificate for the manufacturer/ manufacturing firm should be enclosed if the rates are quoted by the Dealers/Agents. Failing which the quotation shall not be considered.
- VIII. KHADC license for trade in Meghalaya only. For Regional centres KHADC/undertaking is not mandatory.
 - a. The Firm/Agency run by the Non-tribal contractor's /firms/ companies/suppliers/stockiest/banded ware house/Private carriage contractors/Co-operative Societies etc. should produce Trading License issued by the KHADC (Govt. of Meghalaya).
 - b. Submission of tender paper does not fall under trade as per the above said act. However, if a Non-tribal becomes a successful bidder he has to furnish License issued by the KHADC (Govt. of Meghalaya) before any work involving trade is issued to him.

Further those firm/agency opting for clause "b" above are requested to submit an undertaking mandatorily to this effect along with the technical bids as a certification about their capability of submission of the trade license when ask for, failing which the tender are liable to be rejected/not to be considered at any circumstances. (If not applicable submit the relevant document).

- IX. Up-to-date sale tax certificate, tax clearance, valid registration certificate are mandatory.
- X. Other relevant technical documents/specifications in favour/ claim/ Support of equipments /machines if any may be submitted as additional with the technical bid.
- 11. The supply is effected at DGS&D rate contract, wherever is applicable. The rate should be quoted for list of items as per the tender document.
- 12. The Buyer shall not be responsible for payment of transit insurance charges.
- 13. Payment shall be made on actual delivery in good condition and successful installation and demonstration (which should be free of cost and must be completed before payment).
- 14. In case for Imported goods:
 - i. The price may be quoted in foreign currency and import will be on FOB basis. However, custom clearance, Inland freight etc. will be the responsibility of the supplier and no separate charges will be paid for that, however, custom duty exemption certificate shall be provided. The supplier should inform well in advance for sending these papers. No demurrage charges will be paid. If the supplier desires, rate in corresponding Indian currency may be quoted. It will be at the discretion of the authority of ICAR Research Complex for NEH Region to accept Indian or Foreign currency prices.
 - ii. In case of any custom duty charge, applicable as per Govt. of India's Notification, the same may be paid by the firm which will be reimbursed to the Indian Agent (who should be a registered firm and with DGS&D immediately, subject to the condition that the bill of entry in original along with all relevant papers are submitted immediately, after custom clearance and installation and demonstration of the items. Installation and demonstration should be free of cost.
 - iii. The import & payment will be made by means of Foreign Bank Draft/ Site Draft in case of foreign imported goods. Performance Bank guarantee of 10% FOB value valid till the end of warranty period should be submitted before the release of the security deposit. All bank charges outside and inside India shall go to the beneficiary's account. Performance bank guarantee of 10% FOB value, valid till the end of warranty period, should be submitted before the release of the security deposit. All bank charges outside and inside India shall go to the beneficiary's account. Draft making charges would go to the beneficiary's account. Draft making charges would go to the beneficiary's account and a scanned copy of the draft, if required, can be sent to the Indian agent by post. Draft would be handed over after successful installation and demonstration which should be completed within 45 days from the date of draft and submission of all documents like bill of entry etc.
 - iv. All imported items should be delivered up to destination i.e. all the import should be free of inland freight charges, insurance etc.
 - v. Indian Agency Commission rate and amount should be clearly specified as per rules. IAC, wherever applicable, will be paid in Indian Currency only.
 - vi. In case of delay in supply, penalty will be imposed @2% per week, subject to a maximum of 10% of the FOB value

- vii. Indian Agents quoting on behalf of their principal must be registered firms with DGS&D .They are also requested to provide necessary authorization letter from their principal along with the quotation.
- viii. ICAR Research Complex for NEH Region, Umiam, Meghalaya, being a Scientific and Research Organization, is exempted from payment of Excise Duty (Certificate to this effect will be provided).
- 15. All Bidders should mandatory give their current, PAN Card No., TDS& other Bank A/C details to enable the office for releasing the dues via e- payment basis.
- 16. Performance Bank Guarantee is required for all indigenous items also. For items less than Rs.50, 000, the amount should be 5% of the actual cost of the equipment and for items more than 50,000.00 the amount should be 10% of the actual cost of the equipment. The bank guarantee should cover the entire guarantee/ warranty period which should be of at least one year duration.
- 17. The selected tenderers must complete the supply/ installation/ demonstration within 45(forty-five) days from the date of the supply order due to time factor or the said orders shall be treated as cancelled and no further correspondence will be entertained.
- 18. The guarantee/ warrantee should be from the date of installation. All guarantee/ warranty services should be attended within a maximum limit of 15 days, failing which, proportionate deductions from the security deposit may be made at the discretion of the Institute.
- 19. The complete details regarding the Institutions/ Corporations/ Bodies, etc. where the Firm/ Dealer has made the supplies during the last 2/3 years should also be furnished, along with the supply orders.
- 20. The Bidders should mandatory provide their full Bank Details, PAN Card No., IFS code No., and TDS so as to ensure e-payment to them directly on satisfactory completion of the Supply.
- 21. The Director, ICAR Research Complex reserves the right to reject any tender in part or full, without assigning any reason thereof.
- 22. Legal jurisdiction for all disputes shall be within the purview of the Shillong Court.
- 23. The bidders should mandatory sign on every page of the Tender Document, which would show their unconditional acceptance of all the terms and conditions of the Tender Document.
- 24. Tenders shall be opened on 9th January, 2017 at 2:30 pm, ICAR Research Complex for NEH Region, Umiam, Meghalaya 793103. Interested bidders may attend the opening.
- 25. If the above mentioned closing /opening day of the tender happened to be non working date due to Bandh/Strike as any other reasons, the tender will be received & opened on the following working day at the same time except on the 2nd (second) Saturday.
- 26. Other terms & conditions, as may be decided by the Competent Authority from time to time, depending upon the condition & requirement of the supply. The intimation in this regard, shall be provided well in advance & the bidder/ supplier shall be bound by the said terms & conditions.
- 27. For any query/ clarification, the undersigned may be approached at: Contact address:
 - E-mail: kcjoshiicar@yahoo.in/ aogaicarneh@gmail.com /storesection@yahoo.in

Sd/- S. V. Ngachan DIRECTOR

Before quoting for the Tender, it is requested to kindly go through the Tender Document thoroughly and abide by all the Terms and conditions given. Non-Compliance of any of the T & C mentioned above, shall lead to non-consideration of the Bid and no request what so ever shall be considered under any circumstances.

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<u>APPENDIX- I</u>

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		Specifications	Qnty.	Destination/ To be supplied at
۹.	For ICAR, Umiam, M	eghalaya	• • • · · · · ·	······································
۹.3	FRP tanks	Fiber Glass Tank (Circular) with drainout and outflow pipe	10	ICAR, Umiam
		Capacity: 250 liters	Nos.	Meghalaya,
		Fiber Glass Tank (Circular) with drainout and outflow pipe	10	Fishery
		Capacity: 500 liters	Nos.	Division
		Fountain Aerator (1.00 HP motors)	3 Nos	· ·
		Sedgewick-Rafter Counting Cell	2 Nos	
		45mm long, 20mm wide and 1mm high	2 1105	
\.4	Water Pump	Diesel engine (5. 00HP)	1	
			1	
A.5	Horizontal	Horizontal Electrophoresis includes :	1 set	ICAR, Umian
1.5	Electrophoresis	Gel Caster to cast gels in the tray without tapping or use the	I SCL	Meghalaya,
				Plant
	System with power	casting gates for casting directly I the cell. Easily remove quick		
	pack and set of	snap electrodes for simple cleaning. UV-transparent clear gel		Breeding
	trays	tray with fluorescent ruler. Longer tabs on base for easy		Division
		removal and reduce buffer spillage, lid cannot be incorrectly		
		positioned. Included casting gates and gel caster for tape-free		
		casting. Wide range of different gel combs available: fixed		
		height drop-in- combs, adjustable height combs preparative		
		combs and multichannel pipet-compatible.		
		Product Contents; Buffer tank, Lid with cables Gel tray 15 x 15		
		cm, leveling bubble, casting gates, gel caster and power supply		
		Power supply system:		
		Output: 250V, 3.0A, 300W		
		Output: 2507, 5007, 5007 Output range: (programmable): 5-250V, fully adjustable in 1V		
		increments; 0.01-3.0A, fully adjustable in 0.01A increments; 1-		
		300W, fully adjustable in 1W increments		
		Type of output: constant voltage, current or power with		
		automatic crossover		
		Output terminals: 4 pair recessed banan jacks in parallel		
		Timer control: 1 min-99hr 59 min, fully adjustable		
		Pause/resume function: Yes		
1		Display: 2-line, 16-character back lit LCD		
		Operating conditions: 0-40°C, 0-95% humidity in absence of		
		condensation		
	-	Safety compliance: EN61010		
Ì				
		EMI: conforms to CE Standards for emissions and immunity		
		class A, Tested only at 230V. TUV EMC certification or		
		equivalent certifications		
		Safety feature: No-load detection, rapid resistance change		
		detection, ground leak detection, overload/short circuit		
		detection, overvoltage protection, over-temperature protection.		
		Input protection: Fuse on hot and neutral. Input power		
		(nominal): 100-120/220-240VAC, auto switching. Dimension:		
		(W X D X H): 25 x 28.5 x 8cm (9.8 s 11.2 x 3.1 in). Weight:		
		2.0 kg, 4.4 lb		
		Horizontal gel boxes with power supply		
		Specification of Electrophoresis Unit:-		
		1. Gel (W x L cm): 20×20		
		2. Unit (W x L x H cm): 23 x 39.5 x 9		
Í		3. Buffer Volume: 1,200 ml.		
ļ		4. Max sample capacity: 450		
		5. Supplied Combs: 20 tooth (2 Nos.) and 40 tooth (2		
		Nos.) (multichannel compatible combs)		
		6. Gel tray (UV Transparent): 20 x 20		
		Specification of Power supply: -		
		Output Voltage/Range/increments: 5 – 500V/1V		
		 Output Current Range/increments: 1 – 800Ma/1Ma 		
I		6		/

		 Output Power Range/increments: 300W/1W Timer: 1 min – 9999 min or continuous Programmable: 6 steps/30 programmable files Dimension: 19 x 30.5 x 9.5 cm Weight: 5.5 lbs/2.5 kg. Input Voltage: 100V – 240V 		
A. 6	Spectrophotometer small volume	Type- UV-Vis. Spectral range: 170-850 nm. Sample volume: 0.5 to 2 μ l. automatic path length adjustment for high and low concentrations. Fast measurement time. User friendly software (pre-configured methods for determination of DNA, protein and RNA etc. with real-time data export capabilities). Small foot print.	01 Nos.	ICAR, Meghalaya Plant pathology Division
A.8	Water Bath Shaker	InitialAmbient $+5^{\circ}C$ to $99^{\circ}C$ Accuracy $\pm 0.1^{\circ}C$ Uniformity $\pm 0.1^{\circ}C$ ControlLED MicroprocessorDisplayLEDRPM20 to 200 rpmSpeed display1 rpmresolutionTimerTimerUp to 999 mins with AlarmMotorMaintenance-free, brushlessHeater1200-1500 wattsVoltage110-120V or 220-230VSafetyOver-temperature and Low water lev cut-outOverall, W x D x H335mm x 565mm x 270mm approxBath CapacityMinimum 18 L to 24L MaxMinimum working depth60 mmStandard accessories to be providedStandard Lid, Universal Tray and flast1. Warranty: ≥ 24 months2. Should provide all accessories necessary for its efficient and smooth functioning. Necessary accessories should be quoted as optional.3. Provide warranty certification, authorization certification, instrument installation, demonstration and time to time service when necessary	•	ICAR, Meghalaya, Centre for Biotechnolog y
A.9	Digestion chamber with fume hood	 Size should be approx. width 1.5 m x height 2.4m x depth 0.79m. Thick tempered safety glass vertical-rising sash, and preset baffle(s) with flame spread single molded will be preferred. Inner surface should be of fiber glass lining or similar commendable materials Should have by-pass airflow design, clean sweep airflow opening Hood should have vapour-proof fluorescent lighting. Exterior body of hood should have epoxy-coated steel exterior and epoxy worktop to contain the accidental spillage of chemical. Should preferably have removable front/side panels and front access panels for access to plumbing and electrical wiring. The scrubber mounted should also be resistant to long term chemical abrasion, weathering and 	01 no	ICAR, Meghalaya, Centre for Biotechnolog Y

В. 3	Compound digital polarizing microscope	Authentication through finger print, password and proximity card (approx. 150 Nos. to be printed on one side) with 360° authentication angle; authentication OSD; person name and ID display; minimum transaction record of 1,00,000 impression; minimum 3000 user record; enabled with voice guided instruction; data backup through USB and memory card; reporting format in MS excel; daily, monthly and customized reporting options; on board lock control and programmable lock relay time; -10°C to 50°C temperature range and upto 90% relative humidity; power source DC or AC or both; CE and FCC Certified; 1 KVA UPS; LAN integration: Desktop PC (Intel i3 processor, 2 GB DDR3 RAM, 500GB HDD, minimum 18 inches monitor, windows 7 or 8 licensed OS); Minimum 1 year onsite warranty; on-site demonstration during installation, Single compact integrated unit: including cell imaging system, digital camera, computer, high power fluorescence lighting system and LCD display; it should have 3 independent high output LED illuminators with integrated hard coated fluorescence band pass excitation and emission filters for each cube; fluorescence LED light cube must be a single, interchangeable cube can be easily removed and installed; Fluorescence LED illuminators must have a lifetime of 50,000	no. 01 no.	
		Authentication through finger print, password and proximity card (approx. 150 Nos. to be printed on one side) with 360 ^o authentication angle; authentication OSD; person name and ID display; minimum transaction record of 1,00,000 impression; minimum 3000 user record; enabled with voice guided instruction; data backup through USB and memory card; reporting format in MS excel; daily, monthly and customized reporting options; on board lock control and programmable lock relay time; -10 ^o C to 50 ^o C temperature range and upto 90% relative humidity; power source DC or AC or both; CE and FCC Certified; 1 KVA UPS; LAN integration: Desktop PC (Intel i3 processor, 2 GB DDR3 RAM, 500GB HDD, minimum 18 inches monitor, windows 7 or 8 licensed OS); Minimum 1 year onsite warranty; on-site demonstration during installation,		
B. 2	Biometric fingerprint device	hrs from intimation High resolution optical finger print scanner (minimum 600dpi); colour LCD display (minimum 3 inches); 32 bit CPU;	01	
B.1	Air Conditioner Split type	Split type (Capacity: 1.5 tones) minimum 3 star category, rotary compressor; R 290 or equivalent refrigerant air purifier, dust filter, remote control with auto and sleep mode, power 230V, 50hz, single phase sterilizer, stabilizer, Minimum 1 year	8 Nos.	ICAR, Manipur Centre
B. Mani	ipur Centre			supplied at
For ICA SI. No	AR, Regional Centres Description	Specifications	Qnty.	Destination/ To be
		 •Vender should quote FRP/PVC ducting non- Corrosive blower options to make unit complete and ready to work. Requirement of space, electrical and water points etc sho uld also be indicated System should be validated at site during installation. 1. Warranty: ≥ 24 months 2. Should provide all accessories necessary for its efficient and smooth functioning. Necessary accessories should be quoted as optional. 3. Provide warranty certification, authorization certification, instrument installation, demonstration and time to time service when necessary 		
		 designed to absorb obnoxious toxic gases and vapours immediately as they are formed. It should absorb wide range of acids and alkalies, and sho uld also be effective in removing dust and aerosol particles. The system should meet the national and international safet y standards and should be CE marked. Socket with switches for exhaust system and fluorescent light; Power point(s) on the panel of the hood. To work on 220/ 230 volts A.C. Supply. 		
		withstand high temperature. It should be compact,		

				,
		hours at 100% power. Must automatically recognize which cube is installed and adjust software configuration accordingly; System must be able to accommodate a 4 fluorescence LED light cubes; it should have integrated high-sensitivity monochrome interline CCD camera; system must be able to accommodate a minimum of 5 objectives at once which can be user defined or must include 10x, 20x and 40x phase contrast fluorite objectives; instruments should not require any dark room and has red, green and blue filter cubes; it should have mechanical "glide" stage with X-Y axis fine positioning controls interchangeable vessels holders including T-flasks, petri dishes, multiwall plates, microscopic slides and different culture systems; must provide a 1-click RGB channel overlay; system must be able to sequentially acquire a phase contrast image and a fluorescence image with a single mouse click, then overlay them automatically for transfection analysis; time lapse imaging capability with automatic avi. movie creation; manual		
		cell counting capability; system must provide the following output file format: jpg, bmp, tif and png; minimum 2 years onsite warranty; on-site demonstration during installation.		
	Refrigerated centrifuge	Maximum rotational speed;14,000rpm (speed can be set from 200-14,000rpm in 10 rpm increments). Maximum centrifugal force: 20,800 x g. Temp. range: -9° C to $+40^{\circ}$ C. Sample temp.: $<4^{\circ}$ at maximum speed. Simple programming with minimum 35 programs memory with write protection. Automatic rotor recognition with speed limitation for maximum safety. Motorized lid hatch, fast temp. function for fast precooling. Standby cooling for maintaining temperature when centrifuge is not in use. Shut-off option for reduced energy consumption and extended compressor life. Built-in condensate	01 No.	
		drain to eliminate water accumulation and prevent corrosion. Display shows speed, RCF, time and temperature. Minimum 10 acceleration and braking ramps for sensitive sample material. Power switch at the front of device. Maximum power requirement: 1650W. Maximum dimension (W X D x H): 64 x 55 x 34 cm. maximum weight: 80 kg (without rotor). Fixed angle rotor 30 x 1.5/2ml including aluminum lid, aerosol tight, rotor lid and adapters should be autoclavable. Anodized aluminum for high chemical resistance, Aerosol tight centrifugation option. Fixed angle rotor 6 x 85 ml including lid: Adapter for fixed angle rotor 6 x 85 ml for use with 1 tube 15 ml (min. 2 pcs.) Adapter for fixed angle rotor 6 x 85 ml for use with 1 tube 50ml (min. 2 pcs). IEC 1010-2-020 safety standard. Minimum 2 years onsite warranty: onsite demonstration during installation		
2.	Tripura Centre	installation.	l	<u> </u>
C. 1 C. 2	Air Conditioners Autoclave (vertical)	Standard split type air conditioner, capacity 1.5 ton. Certification: ISO certified/CE marked/ISI marked product Working steam pressure between 15 to 22 p.s.i (adjustable), double walled units have inner chamber (Boiler), thick stainless steel lid tightened by radial locking system, fitted with joint less neoprene rubber gasket, system should be hydraulically tested up to 40 p.s.i as a safety measure. Fitted with standard accessories such as water indicator, pressure gauge, steam release cock, spring loaded safety valve, pedal lifting device and heating element, S.S basket, cord and plug. Work on 220/230VAC supply. Inner chamber made of SS and outer chamber covered with stainless steel are also fitted with safety wall valve. Capacity of 150 -160 liters. Certification: ISO certified/CE marked/ISI marked product.	05 Nos. 01 No.	ICAR, Tripura Centre
2.3	Inverter	Maximum inverter continuous of power 800-1400VA pure sinewave inverter with tall tubular battery of suitable capacity. AC input voltage: 230V + 1%-5V, Battery Voltage: 12V, AC o/P voltage at no load: 220±7V. Certification: ISO certified/CE	02 nos	
		9	(

,		marked/ISI marked product.	[· · · · · · · · · · · · · · · · · · ·
2.4	Laminar Air Flow (Verticai)	Vertical laminar air flow, mild steel cabinet duly epoxy coated , stainless steel table top, side panels are provided of thick transparent acrylic sheets, fitted with pre-filter and is made to pass through highly effective HEPA (High efficiency particular air) minimized vibration from blower, fluorescence lighting, works on 2130/230 volts AC. Supply, Air velocity: between 0.4 to 0.5 mls ±20%, HEPA efficiency pre-filter: 99.997% at 0.3 microns with DOP test washable with an arrestance up to 90% at 5 microns. Light intensity: LUX 900- 1300 Lux, Power supply: 220 V single phase 50 Hz, UV lights attached. Front transparent acrylic door (5mm). Gas/Vacuum, Cock Castor wheels at the bottom. Working Size (6x 2x 2 ft.) Manometer attached built-in UV germicidal light and cock for gas line. Certification: ISO certified/CE marked/ISI marked product.	01 No.	
C.5	Rotary Shaker	Housed a top heavy mild steel base assembly, Suitable for continuous & heavy duty operations, universal platform to accommodate interchangeable clamps of assorted sizes for different capacity of flasks. Platform size 24" x 24". Max. Volume 16 liters. Ma. No. of clamps: 16 (for 1000ml flasks) 25 (for 500ml flask), 36 (for 250ml flask), 49 (for 150ml flask), 64 (for 100ml flask). Provided with a speed regulator from 20 rpm to 300 rpm, digital display of speed with per-setting facility. Automatic restart at present speed in case of power failure. Operates on 220-240V AC, 50Hz, and single phase. Certification: ISO certified/CE marked/ISI marked product.	01 No.	
D.	Nagaland Centre Cryocan		02	ICAR,
<i></i>	Cryocan	Portable Type Capacity:1.5 to 2 litres and 20-25 litres	nos	Nagaland Centre
		Static evaporation loss rate:0.1 to 0.4 litres per day		
		Static holding time: 15-20 days and 60-70 day		
		Accessories		
		Cryogloves: Protection against -100 °C to -196 °C,Water resistant and comfortable, Light weight, excellent dexterity		
	·	Tilting trolly: Roller base to move the can		
	·	S S Funnel: Suitable for transfer of liquid nitrogen		
0. 2	Digital water Bath	 Stainless steel canister with goblets: Suitable for can Temperature range ambient +5 °C to 150 °C in 0.1 °C increment. Temperature resolution should be at least 0.1 °C, uniformity ±0.2 °C, and accuracy ± 0.3 °C. Should have microprocessor based temperature controller. The block chamber of different size suitable for centrifuge tube (15 ml and 50 ml) and micro centrifuge tubes of 0.2 ml, 0.5 ml, 1.5 ml and 2.0 ml capacities. Should have LED display for temperature Instrument should be supplied in complete with all respect with required accessories. 	01 No.	
0.4	SPERM QUALITY ANALYZER FOR PIG	 Should be able to perform analysis under phase contrast, bright field and multi wavelength for monitoring of the semen parameters like total sperm concentration, motile sperm concentration, progressive motility, motility grading, sperm velocity, morphology, number of total sperm per ejaculate, number of motile sperm per ejaculate, DNA integrity, vitality and droplets count etc. In liquid and frozen semen. 	1 nos.	1
		10		
				A

using SMF Batteries (Can run 20-22 Nos. Computer) 2. Warranty: >2 year						
 4. The assembly should be equipped with the computer, good quality microscope with X4, 10X, 40X and 100X objective lenses fitted with adjustable thermo stage for semen evaluation and other hardware's. 5. The system should have thermo stage (room temperature to 45 °C), specimen sperm analyser chamber for pig semen (disposable sildes, MacKer's chamber etc.) 6. System should be equipped with suitable objectives for molitily and morphology analysis and also capable of digital image acquisition of 1-20 fields. 7. System should be equipped with digital camera along with its software to grab images at a speed of 60 frames per Second. 8. The software should have option for analyzing sperm morphology (proximal and distal droplets, bent and colled talls) of an individual cell automatically at the time of motility analysis. 9. The system should have the ability/ suitable software to view and store detailed data for individual sperm tracks to be used for validation purpose. 10. The system should be supplied completely in all respects along with all accessories. Purpose: For routine analysis of motility, concentration, morphology, abnormality and vitality of fresh and extended bar semen for use in artificial insemination at ICAR farm and at farmer's field. StVA Online Ups System with 120-minutes back-up using SMF Batteries (Can run 20-22 Nos. Computer) Warranty: >2 year Specification: Microscope with fluorescence bright field, dark field, phase contrast, Simple Polarized Light and differential Interference Contrast. Light Source: Transmitted LED light, 50 W reflector illuminator, 100 W halogen, and florescent Hig and Xenon light with guide illuminator Syst. Zos., 402, 1002, 1002, 1002, 1002, 1002, 1004, 1004 The Abbe condenser for interference contrast with filter facility. <l< th=""><th></th><th></th><th>semen.</th><th></th><th></th><th></th></l<>			semen.			
5. The system should have thermo stage (room temperature to 45 °C), specimen sperm analyser chamber for pig semen (disposable sides, Mackler's chamber etc.) 6. System should be equipped with suitable objectives for motility and morphology analysis and also capable of digital image acquisition of 1-20 fields. 7. System should be equipped with digital camera along with its software to grab images at a speed of 60 frames per Second. 8. The software should have option for analyzing sperm morphology (proximal and distal droplets, bent and colled tails) of an individual cell automatically at the time of motility analysis. 9. The system should be supplied with suitable printer, UPS. The was should be supplied completely in all respects along with all accessories. 10. The system should be supplied with suitable printer, UPS. The unit should be supplied with suitable printer, UPS. The unit should be supplied with suitable printer, UPS. The unit should be supplied with suitable printer, UPS. The unit should be supplied insemination at ICAR form and at farmer's field. 5 UPS (Centralized) 1. SKVA Online Ups System with 120-minutes back-up using SMF Batteries (Can run 20-22 Nos. Computer) 1 no 5 Werget Centralized) 1. Ski Source: Transmitted LED light, 50 W reflector illumination, 100 W halogen, and florescent Hg and Xenon light with gluid illuminator 1 no 6 PHASE CONTRAST Mice Source State and Differential Interference Contrast applications with video recording facility. 1. Sk: 100, 200, 300, 300, 300, 300, 300, 300, 3			 The assembly should be equipped with the computer, good quality microscope with 4X, 10X, 40X and 100X objective lenses fitted with adjustable thermo stage for semen 			
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 resistance. Double specimen holder 2x silder or a reflector turret with 4 positions and Infinity Space Camera Port Suitable digital Image system for image archiving and processing Portable data acquisition and processing system with 17" monitor for analyzing images and data and for display Digital Camera Parameters: 1/2 inch and >3.2MP CMOS Image Sensor (4:3), >4500×3500 pixels resolution, 4.4µm x 4.4µm pixel size, Electronic Rolling Shutter, >25 frame rate with max. pixels, 61dB Sensitivity, 5°C ~ 5°C Operating temperature, USB2.0, suitable software for operating video recording, image processing and measurements. E. Arunachal Pradesh Centre L. Chamber Size: 500mm (W) × 500 mm (L) × 950mm (H) T. Chamber Size: 500mm (W) × 500 mm (L) × 950mm (H) Electrical Power: 18 KW or sufficient wattage of industrial immersion type water heater to generate steam within a reasonable period of time on 3 phase 440V 50HZ AC supply. Working pressure and temperature: 1.2 to 2.2 Kg/sq. cm at 121 Deg C. Material of Construction Inner chamber, Jacket, Door: SS 316 (5mm - 10mm) Outer Chamber: SS 304 (Insulated properly) Steam Generator: Non corrosive SS/Chromium plated Brass Heater Plate: Brass/Stainless Steel Pipe Line: Complete with SS Stad: Stainless Steel/High quality non corrosive steel Instrumentation: Temperature, Pressure and Vacuum gauges: Steam traps, vacuum driers, water level indicator on steam generator Safety device: Pressure switch and safety valve, self locking of door when chamber is under pressure Vacuum breaker for jacket Steam generator with gauge glass valves and Low water protection with audio visual indicator. Features: The equipment should have ISI mark on quality Installation: installation shall be done at free of cost. Water inlet and outlet pipe should	
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17" monitor for analyzing images and data and for display 10. Digital Camera Parameters: 1/2 inch and >3.2MP CMOS Image Sensor (4:3), >4500×3500 pixels resolution, 4.4µm × 4.4µm pixel size, Electronic Rolling Shutter, >25 frame rate with max. pixels, 61dB Sensitivity, 5°C ~ 50°C Operating temperature, USB2.0, suitable software for operating video recording, image processing and measurements. Arunachal Pradesh Centre 1. Chamber Size: 500mm (W) x 500 mm (L) x 950mm (H) 1 no. 1 Autoclave 1. Chamber Size: 500mm (W) x 500 mm (L) x 950mm (H) 1 no. 2 Electrical Power: 18 KW or sufficient wattage of industrial immersion type water heater to generate steam within a reasonable period of time on 3 phase 440V 50HZ AC supply. 1 No. ICAR, Centre 1 Autoclave 1. Material of Construction Inner chamber, Jacket, Door: SS 316 (5mm + 10mm) 1 no. ICAR, State Plate: Brass/Stainless Steel 8 Pipe Line: Complete with SS 9. Steam Generator: Non corrosive SS/Chromium plated Brass 7. Heater Plate: Brass/Stainless Steel 8 Pipe Line: Complete with SS 9. Statand Statinless Steel/High quality non corrosive steel 10. Instrumentation: Temperature, Pressure and Vacuum gauges: Steam traps, vacuum driers, water level indicator on steam generator 11. Safety devices: Pressure switch and safety valve, self locking of door when chamber is under pressure Vacuum breaker for jacket Steam generator with audio visual indicator. 10. Instrumentation: Temperature, Pressure and wacuun	
ChOS Image Sensor (4:3), >4500×3500 pixels resolution, 4.4µm x 4.4µm pixel size, Electronic Rolling Shutter, >25 frame rate with max. pixels, 6.1dB Sensitivity, 5°C ~ 50°C Operating temperature, USB2.0, suitable software for operating video recording, image processing and measurements. Arunachal Pradesh Centre 1 Autoclave 1. Chamber Size: 500mm (W) x 500 mm (L) x 950mm (H) industrial immersion type water heater to generate steam within a reasonable period of time on 3 phase 440V 50HZ AC supply. 1 no. Working pressure and temperature: 1.2 to 2.2 Kg/sq.cm at 121 Deg C. 4. Material of Construction Inner chamber, Jacket, Door: SS 316 (5mm - 10mm) 5. Outer Chamber: SS 304 (Insulated properly) 6. Steam Generator: Non corrosive SS/Chromium plated Brass 7. Heater Plate: Brass/Stainless Steel 8. Pipe Line: Complete with SS 9. Stand: Stainless Steel/High quality non corrosive steel 10. Instrumentation: Temperature, Pressure and Vacuum gauges: Steam traps, vacuum driers, water level indicator on steam generator 11. Safety devices: Pressure switch and safety valve, self locking of door when chamber is under pressure Vacuum breaker for jacket Steam generator with gauge glass valves and Low water protection with audio visual indicator. 11. Safety devices: The equipment should have ISI mark on quality 13. Installation: installation shall be done at free of cost. Water inlet and outlet pipe should be done on a turnkey	
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quality 13. Installation: installation shall be done at free of cost. Water inlet and outlet pipe should be done on a turnkey	
Water inlet and outlet pipe should be done on a turnkey	
available in the installation room.	
 Canopy analyzer with data logger Measuring Thickness: 15 mm max Measuring Width: 150mm max 	
 Measuring Length: 36 cm Scanner: 675 nm Laser Diode Resolution: 0.025mm² 	
 Accuracy: ±1% for samples>10cm² Interface: USB 2.0 Memory Size: 8,000 measurements Display: 16 characters x 2 lines LCD 	
 Scanning Speed: 127mm/second Battery: 7.2 volt rechargeable NiMH Battery Capacity: 15 hours Operating Temperature: 0 - 50°C 	
4 Generator Set 125 KVA , 4K180TA-1, 156 BHP, 100 KW, Phase III, AC 01 voltmeter with selector switch, AC ammeter with selector no.	
12	~

SET ON 8 protectio bottom e	& Load ON, MCCB for short circuit & overload n, Aluminum bus bars of adequate rating, Provision ntry & exit of power cabling, Set of current	for	
vater filter Product v MΩ•cm ((Permeate Conducti L/day; > Microorga Cartridge	vater: TOC, ppb:< 30. Product Water Resistivity, $@25^{\circ}C$): > 5 – 15; > Pure Water > 5. Nominal Flow: 3L/h. Feed water nature: Tap water. vity, μ S/cm:< 0.2.Product water volume:> 5 – 25 25 – 100 L/day. Silica removal (%):>99.9. anisms, cfu/ml:<1. System recovery (%): 15. a used: Progard and RO membrance cartridge. Water	01 No.	
e with all ✓ Capa d ✓ Displ used ✓ Oper ✓ Varia Time ✓ Temp ✓ Multi 1.5/2 ✓ Syste speed ✓ Autor Two year	city: Minimum 1.5 ml x 12 tubes ay : Lcd Display of Temperature, Rpm, Time and Rot ating Mode: Rpm or Rcf ble Run Time: Timer Set Up for Long Run and also s in Hrs and Mins., with alarm at Completion berature range: -10°C to 40°C purpose rotors: centrifugation rotors for different tub 2.0 ml. em with auto lock facility, with safety for over d/imbalance/temperature limit or door detector matic functioning of speed and timing s warranty if possible.	et	
 ✓ Resolution ✓ Ranguran ✓ Voluntion ✓ Battention ✓ Data 	ution: 0.1% volumetric water content with electrical uctivity <2ms/cm e: 0% to saturation(saturation typically around 50% netric water ery life: 4 AAA alkaline batteries (approx. 12 month ry life) logger: 3250 measurements without GPS; 1,350 with		ICAR, A.P Centre Under Flagship programme on temperate Horticulture
entre			
II. D Weighing Readabili Reproduc	venver instruments cat No.8248.1 Range: 120g ty : 0.01 mg sibility (standard deviation) : 0.02 mg.	02 nos.	ICAR, Sikkim Centre
 28 liter Pressure Inner argar Space high The li closir Fitted valve Drain valve baske Comp 200/4 300 > 	 10 to 20 psi (adjustable) chamber, steam jacket and outer wall - Stainless do arc welded between outer wall and steam jacket is filled with grade wool to minimize the temperature loss. id is made of stainless steel and closed by radial type of garrangement. d with gasket made up of neoprene rubber safety cock, water inlet, water level indicator, steam releat , pressure gauze, pedal lifting device and stainless et. 	e Ise W-	
		size 01	
	SET ON 8 protectio bottom e transform water filter Product v MΩ·cm (0 Permeate Conductii L/day; > Microorga Cartridge quality: 1 ed with all s with all s v Oper v v Varia Time v Varia Time v Varia Time v Varia Time v Varia Time v Varia Time v Varia Time v Nulti 1.5/2 v Syste speed v Autor Two year il Moisture v Resol condu v Rang volun v Batte bata GPS/ entre balance I. C II. D Weighing Readabili Reproduc Linearity: 28 liter Pressure > Inner argar > Space high v The li closir v Syste speed v V Rang volun v Batte bate v Space high v V V V V V V V V V V V V V V V V V V	bottom entry & exit of power cabling, Set of current transformers, Set of control fuses. vater filter Product water: TOC, ppb < 30. Product Water Resistivity, M0:cm (@25°C): > 5 - 15; > Pure Water > 5. Nominal Permeate Flow: 3L/h. Feed water nature: Tap water. Conductivity, µ5/cm: < 0.2.Product water volume:> 5 - 25 L/day; >25 - 100 L/day. Silica removal (%):>99.9. Microorganisms, cfu/ml: <1. System recovery (%): 15. Cartridge used: Progard and RO membrance cartridge. Water quality: Type 2 ed < Rpm: 24000	SET ON & Load ON, MCCE for short circuit & overload protection, Aluminum bus bars of adequate rating, Provision for bottom entry & exit of power cabling, Set of current transformers, Set of control fuses. 01 water filter Product water: TOC, poble < 30. Product Water Resistivity, MC:cm (@25°C): > 5 - 15; > Pure Water > 5. Nominal Permeate Flow: 3L/h. Feed water nature: Tap water. Conductivity, µS/cm: < 0.2. Product water volume:> 5 - 25 L/day; > 25 - 100 L/day. Silica removal (%): 93.9. 01 Microorganisms, cfu/mil: 1. System recovery (%): 15. Cartridge used: Progard and R0 membrance cartridge. Water quality: Type 2 01 ed < Rpm: 24000

F: 5 Microscope with optical system: US2 (Universal Infinity - carrected) optical system 01 no. No. attachment Diptical system: US2 (Universal Infinity - carrected) optical system 01 No. No. Action-1200/J220-2400 0.8570.8545.05/60 Hz bit information: Ball - Init transmitted Koehler fluminator 6V30W halped halped halped movement by roller guide (rack & printer) 01 State per rotation: 30.8 mm Upper limit stopper Tension adjustment on carse focus adjustment knob Revolving nospice: Fixed guintuple nospice with inward Utit. 01 SP nations are: 300 *100 mm. 01 Dary Unit SP Platform size: 900*1100 mm. 01 Accuracy: 200 gm. 01 Accuracy: 500 kg. 01 Analyzer Software PC Observation method: Bright filed Connected Objects: Stand with Ley to to 300X (with auxiliary objective and eye piece) 01 Analyzer Software PC Observation method: Bright filed 00 Connected Objectives: Plan actromatic, ant fungus 01 01 Diade Arm Fibre Illumination for Reflected	photographic attachment Optical system Illumination SUIC - In transmitted Kochler illuminator 6V30W Act030-1220/220-240V 0.85/0.45A 50/50 Hz Focusing: Stage height movement by roller guide (rack & pinion) Stroke per rotation: 36.8 mm Unper limit tapper Tonsion adjustment on coarse focus adjustment knob Revolving nosepices: Ptwed quintuple nosepices with inward till. 01 F. 6 Weighing pan Data (1000 kg) for Piq Unit SS Platform size: 900°1100 mm. Capacity: 1000 kg. Accuracy: 200 gm. 01 F. 7 Weighing pan Datarce (200 kg) for Piq Unit SS Platform size: 900°1100 mm. Capacity: 1000 kg. Accuracy: 200 gm. 01 G. 1 Digital Finocular Carpacity: 1000 kg. Capacity: 1000 kg. 01 No. G. 2 Mizoram Centre Canpound Microscope age Analyzer Software PC Cannected Trinocular tube with 30W halogen illumination and camera attachment facility Doservation method: Bright field Observation tubes: Trinocular Doservation tubes: Trinocular Doservation tabes: 100 to 300X (with auxiliary objective and eye piece) 01 No. Magnification range: 82W pto 300X (with auxiliary objective and eye piece) 00 Oublek Arm Fibre Illumination for Reflected light with LED Light Source 01 Weiting Base and Throscope, Camera and the Software effoits there for massure and the Software should be from one single manufacturer for base and the Software Effoits there for massure and the Software effoits there for measure and the Software effoits there for measure and the Software effoits there for the source of allef shale ad biolef tobsc. 01<		,	,			
6. 4 Stroke per rotation: 36.8 mm Full stoke range: 25 mm Upper limit stopper Tension adjustment on coarse focus adjustment knob Revolving nosepiece: Fixed quintuple nosepiece with inward tilt. 01 F. 6 Weighing pan balance (1000 kg) for Capacity: 1000 kg. 01 F. 7 Weighing pan balance (200 kg) for Pig Unit SS Platform size: 900°±100 mm. 01 6. Mizoram Centre Capacity: 200 gm. 01 6. Mizoram Centre Capacity: 300 kg. No. 7. 7 Weighing pan balance (200 kg) for Pig Unit Trinocular tube with 30W halogen illumination and camera attachment facility No. 6. Mizoram Centre Compound Trinocular tube with 30W halogen illumination and camera attachment facility No. 7. On Digital Tinocular Connected Observation tubes: Tinocular 200m ratio: 17.5 No. ICAR, Mizoram 7. On the compound Microscope with Camere i mage Analyzer Software PC Observation tubes: Tinocular 200m ratio: 17.5 No. 7. On the compound Microscope stand with LED illumination, reflecting mirror and Arm Reg and Transprent stage Glass, Manual intensity Doble Arm Fibre Illumination, reflecting mirror and Arm Reg and Transprent stage Glass, Manual intensity Doble Arm Fibre Illumination for Reflected light with LED Upht source. 01 8. Output Cap. (approx) 4 iltres/hr. No. 9. Ubgital Educur CDC Camera SMD, CED Chip, Basic software for image analysis, intage enhancement facility anuto. No. 9. Ubgit	6.1 Stroké per rotation: 36.8 mm Full stoke range: 25 mm Upper limit stopper Tension adjustment on coarse focus adjustment knob Revolving nosepiece: Fixed quintuple nosepiece with inward tilt. 01 F. 6 Weighling pan balance (1000 kg) for Pig Unit SS Platform size: 900°*100 mm. 01 Capacity: 1000 kg. No. 01 Capacity: 200 gm. 01 Capacity: 300 kg. No. R. 7. Weighling pan balance (1000 kg) for Capacity: 300 kg. R. 7. Weighling pan balance (200 kg) for SPlatform size: 900°*100 mm. 01 Capacity: 300 kg. Capacity: 300 kg. No. G. Mizoram Centre Trinocular tube with 30W halogen illumination and camera attachment facility No. Microscope with Camera: Image Analyzer Software PC Observation tubes: Trinocular Connection 10: 17.5 No. Inter - papilary distance: 52 - 75 mm Mechanical stage movement inegrave and eye piece) No. Diacopic Stand with LED illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual Intensty Double Arm Fibre illumination for Reflected light with LED Upth source 0 Diacopic Stand with LEG amma correction, shading adjustment, fre Wire camera interface and C - Mount 0.55X Adaptor No. 0 Diale Lolour CCD Camera SMP, CCD Chip, Basic software for image analysis, indige enhancement facility and mange adjustments like Gamma correction, shading adjustment, fre Wire camera interface and C - Mount 0.55X Adaptor	F. 5	photographic	Optical system Illumination: Built – in transmitted Koek halogen bulb. AC100-120V/220-240V 0.85/0.45A 50/6 Focusing: Stage height movement by ro	nler illuminator 6V30W 60 Hz		
F. 6 Weighing pan balance (1000 kg) Dairy Unit SS Platform size: 900*1800 mm. Capacity: 1000 kg. Pairy Unit 01 Capacity: 1000 kg. Pairy Unit 01 Capacity: 1000 kg. Pairy Unit 01 Capacity: 1000 kg. Pairy Unit 01 Pairy Unit 6. Mizoram Centre Compound Microscope with Capacity: 300 kg. Pairy State Trinocular tube with 30W halogen illumination and camera datachment facility. 01 Mizoram Centre 01 Pairy Unit 01 Pairy Unit 6. Mizoram Centre Compound Microscope with Camera Image Analyzer Software PC Connected • Trinocular tube with 30W halogen illumination and camera datachment facility. 01 Mizoram Centre 01 Pairy Mizoram Centre 01 Pairy Mizoram Centre 01 Pairy Mizoram Centre 6. Mizoram Centre Connected • Doservation method: Bright field • Observation tubes: Trinocular had 35/945°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 01 Pairy Pairy	F. 6 Weighing pan nosepiece: Fixed quituple nosepiece with inward titt. 01 nosepiece: Fixed quituple nosepiece with inward titt. 01 nosepiece: Fixed quituple nosepiece with inward titt. F. 7 Weighing pan balance (2000 kg) for Pig Unit SS Platform size: 900*1100 mm. 01 nosepiece: 000 kg) for Pig Unit 01 nosepiece: 000*100 mm. 01 nosepiece: 000*100 mm. 6. Mizoram Centre SS Platform size: 900*1100 mm. 01 nosepiece: 000*100 mm. 01 No. 6. Mizoram Centre • Trinocular tube with 30W halogen illumination and camera datachment facility 01 No. No. 6. Mizoram Centre • Mechanical stage movement with roller guide right fitted handle • Doservation method: Bright field 0 6. Observation method: Bright field • Objective: Green optical system • Doilogic Stand with LED illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity control • Double Arm Fibre Illumination for Reflected light with LED Light source • Mith source 6. 1 Digital Burette • Continuous RS • Nount OSS Adaptor 01 No. 6. 2 Digital Burette • Continuous RS • Nount SS Adaptor 01 No. 6. 3 Doub			Stroke per rotation: 36.8 mm Full stroke range: 25 mm			
F. 6 Weighing pan Dairy Unit SS Platform size: 900*1100 mm. Capacity: 1000 kg, for Capacity: 1000 kg, for Capacity: 1000 kg, for Capacity: 1000 kg, for Capacity: 300 kg, Accuracy: 200 gm. 01 F. 7 Weighing pan balance (2000 kg) for Pig Unit SS Platform size: 900*1100 mm. Capacity: 300 kg, Accuracy: S0gm. 01 6. Mizoram Centre Innocular tube with 30W halogen illumination and camera attachment facility 01 6. Mizoram Centre Michoscope with Camera image Analyzer Software PC Connected Internet Acility No. 7. Weighing pan Microscope with Camera image Analyzer Software PC Connected Trancular tubes: Trinocular Observation method: Bright field 0. No. 9. Observation method: Bright field Observation method: Bright field 0. No. Centre 9. Inter - papillary distance: S2 - 75 mm Magnification range: 8X up to 300X (with auxiliary objective and exp picce) Trinocular head 35°/45°, Exp piece FN 22 or more, with beam splitter 0/100, 100/0 Doble Arm Flore Illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity control No. 9. Discopic Stand with LED Illumination, reflecting mirror and Arm Rest and Transparent Stage Class, Manual intensity control No. 9. Display Control Co Camera SNP, CCD Chip, Basic Software For image analysis, image enhancement facility and Ima	F. 6 Weighing pan balance (1000 kg) for Capacity: 1000 kg. Capacity: 1000 kg. Capacity: 1000 kg. Capacity: 1000 kg. SS Platform size: 900*1100 mm. Capacity: 1000 kg. SS Platform size: 900*1100 mm. Capacity: 300 kg. Cap			Tension adjustment on coarse focus adj			
balance (1000 kg) for Dearty: 1000 kg. No. F. 7 Weighing pan balance (200 kg.) for Accuracy: 200 gm. 01 Capacity: 300 kg. 01 No. F. 7 Weighing pan balance (200 kg.) for Pig Unit SP latform size: 900*1100 mm. Capacity: 300 kg. 01 No. G. 1 Digital Trinocular Compound Microscope with Connected Trinocular tube with 30W halogen Illumination and camera anage 01 No. Analyzer Software PC Connected • Trinocular tube with 30W halogen Illumination and camera anage 01 No. Analyzer Software PC Connected • Trinocular tube with 30W halogen Illumination and camera anage 01 No. Digital Trinocular Microscope with Connected • Trinocular tube with 30W halogen Illumination and camera anage 01 No. Digital Colum read Strip Size • Trinocular had 35°/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Discopic Stand with LED illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity Objectives: Plan achromatic, anti fungus • Discopic Stand with LED illumination. Power supply 100V-240V • Digital Colum CD Camera SMP, CCD, Basic software or Single manufacture for beacament facility and image adjustments like Gamma correction, shalding adjustment, fire Wire camera Interface and C - Mount 0.5X Adaptor • The Microscope, Camera and the Software should be from one single manufacture for beacament facility and image adjustments like Gamma correction, shalding adjustment, fire Wire camera Interface and C - Mount 0.5X Adaptor • The Microscope, Camera and the Software should be from one single manufacture for bea	baiance (1000 kg) for Dairy Unit Capacity: 1000 kg. Accuracy: 200 gm. No. F. 7 Weighing pan balance (200 kg) for Pig Unit SS Platform size: 900*1100 mm. Capacity: 300 kg. Accuracy: 50gm. 01 No. G. Mizoram Centre Trinocular tube with 30W halogen Illumination and camera analyzer Software PC Connected Trinocular tube with 30W halogen Illumination and camera analyzer Software PC Connected 01 No. G. J. Corport Trinocular tube with 30W halogen Illumination and camera analyzer Software PC Connected Trinocular tube with 30W halogen Illumination and camera analyzer Software PC Connected 0 Diservation method: Bright field Observation method: Bright field Observation tubes: Trinocular tube: Trinocular tead 35°/45°. Eye piece FN 22 or more, With beam splitter 0/100, 100/0 No. Microscope Charter (100, 100/0) Trinocular thead 35°/45°. Eye piece FN 22 or more, With beam splitter 0/100, 100/0 Objectives: Plan achromatic, anti fungus Diascopic Stand with LED illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity control arm Fibre Illumination for Reflected light with LED Lights Drems Digital Colour CED Camera and the Software should be from one single manifecture for better, compatibility, synchronization and support. 01 No. G. 2 Digital Burette - Continuous RS Display = 0.01 500.0 µl Display = 0.01 50.0 µl Display	F 6	Weighing pan			01	-
Dairy Unit Accuracy: 200 gm. 01 F. 7 Weighing pan balance (200 kg) for Pig Unit SS Platform size: 900*1100 mm. Capacity: 300 kg. Accuracy: 50gm. 01 G. 1 Digital Trinocular Compound • Trinocular tube with 30W halogen illumination and camera attachment facility 01 G. 1 Digital Trinocular Compound • Trinocular tube with 30W halogen illumination and camera attachment facility 01 Microscope with Camera Image • Mechanical Stage movement with roller guide right filted halde 00 Analyzer Software PC Connected • Observation nubes: Trinocular • Optics: Green optical system • Zoom ratio: 1.7.5 • Toinocular ead 35°/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Optictwes: Plan achromatic, anti fungus • Diascopic Stand with LED Illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual Intensity control • Double Arm Filter 11/Uninition, reflecting mirror and Arm Rest and Transparent stage Glass, Manual Intensity control • Double Arm Filter Illumination for Reflected light with LED Light source • Digital Colour CCD Camera SMP, CCD Chip, Basic software for image analysis, image enhancement facility and Image adjustments like Gamma correction, shading adjustment, fire Wire camera and tes offware should be from one single manufacturer for better, compatibility, synchronization and support. 01 G. 2 Digital Burette • Continuous RS · Volume per turn = 5000 µl · Display = 0.01 to 999.9 ml with 360° rotable discharges tube. 01 G. 3 Double Distilliation Equipment - Quartz Based </td <td>Dairy Unit Accuracy: 200 gm. 01 F. 7 Weighing panbalance (200 kg) for Pig Unit SS Platform size: 900*1100 mm. Capacity: 300 kg. Accuracy: 50gm. 01 G. 1 Microam Centre Trinocular tube with 30W halogen illumination and camera compound 01 G. 1 Digital Trinocular Compound • Trinocular tube with 30W halogen illumination and camera attachment facility 01 Microscope with Camera Image • Trinocular tube with 30W halogen illumination and camera attachment facility 01 Manyzer Software PC Connected • Observation tubes: Trinocular • Optics: Green optical system 01 Zoom ratio: 1.7.5 • Inter - papilary distance: 52 - 75 mm • Inter - papilary distance: 52 - 75 mm Inter - papilary distance: 32 - Void So 300X (with auxiliary objective and eye piece) • Trinocular head 35°/45°. Eye piece FN 22 or imore, with beam splitter 0/100, 100/0 • Diacopic Stand with LED Illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual littensity control • Diacopic Stand with LED Illumination. Power supply 100V-240V • Bouble Arm Fibre Illumination for Reflected light with LED Light Source • Micrometer for measurement in eye piece • Digital Burette • Continuous RS • Uoput Cap. Camera and the Software should be from one single manufacturer for better, compatibility, synchronization and support. 01 G. 2 Digital Burette • Continuous RS • Uoput Cap. Capprox) 4 litres/hr. Double stage <</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Dairy Unit Accuracy: 200 gm. 01 F. 7 Weighing panbalance (200 kg) for Pig Unit SS Platform size: 900*1100 mm. Capacity: 300 kg. Accuracy: 50gm. 01 G. 1 Microam Centre Trinocular tube with 30W halogen illumination and camera compound 01 G. 1 Digital Trinocular Compound • Trinocular tube with 30W halogen illumination and camera attachment facility 01 Microscope with Camera Image • Trinocular tube with 30W halogen illumination and camera attachment facility 01 Manyzer Software PC Connected • Observation tubes: Trinocular • Optics: Green optical system 01 Zoom ratio: 1.7.5 • Inter - papilary distance: 52 - 75 mm • Inter - papilary distance: 52 - 75 mm Inter - papilary distance: 32 - Void So 300X (with auxiliary objective and eye piece) • Trinocular head 35°/45°. Eye piece FN 22 or imore, with beam splitter 0/100, 100/0 • Diacopic Stand with LED Illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual littensity control • Diacopic Stand with LED Illumination. Power supply 100V-240V • Bouble Arm Fibre Illumination for Reflected light with LED Light Source • Micrometer for measurement in eye piece • Digital Burette • Continuous RS • Uoput Cap. Camera and the Software should be from one single manufacturer for better, compatibility, synchronization and support. 01 G. 2 Digital Burette • Continuous RS • Uoput Cap. Capprox) 4 litres/hr. Double stage <						
balance (200 kg) for Pig Unit Capacity: 300 kg. Accuracy: 50gm. No. G. 1 Micoram Centre - Trinocular tube with 30W halogen illumination and camera Compound Microscope with Camera Image 01 ICAP; Micoram Centre G. 1 Digital Trinocular Compound Microscope with Camera Image • Trinocular tube with 30W halogen illumination and camera attachment facility. 01 Microscope with Camera Image • Mechanical Stage movement with roller guide right filted handle 00 Analyzer Software PC Connected • Observation tubes: Trinocular • 02 or more, with beam splitter 0/100, 100/0 00 • Distribution • Observation tubes: Trinocular • 03 00X (with auxiliary objective and eye piece) • • Trinocular head 35°/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • • • • Diascopic Stand with LED Illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity control • • • Double Arm Fibre Illumination for Reflected light with LED Light source • • • Witrometer for measurement in eye piece • • • • • • • • • • • • • • • • • • <td>balance (200 kg) for Pig Unit Capacity: 300 kg. Accuracy: S0gm. No. G. 1 Microram Centre - Trinocular tube with 30W halogen illumination and camera compound Microscope with Camera Image 01 ICAP; Microram G. 1 Digital Trinocular Compound Microscope with Camera Image - Trinocular tube with 30W halogen illumination and camera attachment facility 01 Microscope with Camera Image - Trinocular tube with 30W halogen illumination and camera attachment facility 01 Mayzer Software PC Connected - Observation tubes: Trinocular - 00 Servation tubes: Trinocular - 00 Servation tubes: Trinocular - 00 Servation tubes: Trinocular - 00 Servation tubes: Trinocular - 03 Servatubes: Trinocula</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	balance (200 kg) for Pig Unit Capacity: 300 kg. Accuracy: S0gm. No. G. 1 Microram Centre - Trinocular tube with 30W halogen illumination and camera compound Microscope with Camera Image 01 ICAP; Microram G. 1 Digital Trinocular Compound Microscope with Camera Image - Trinocular tube with 30W halogen illumination and camera attachment facility 01 Microscope with Camera Image - Trinocular tube with 30W halogen illumination and camera attachment facility 01 Mayzer Software PC Connected - Observation tubes: Trinocular - 00 Servation tubes: Trinocular - 00 Servation tubes: Trinocular - 00 Servation tubes: Trinocular - 00 Servation tubes: Trinocular - 03 Servatubes: Trinocula						
Pig Unit Accuracy: Sogm. G. Mizoram Centre	Pig Unit Accuracy: 50gm. 6. Mizoram Centre G. 1 Digital Tinocular Compound • Trinocular tube with 30W halogen illumination and camera thachment facility 0 Microscope with Camera Image • Trinocular tube with 30W halogen illumination and camera thachment facility 0 Microscope with Camera Image • Trinocular tubes: Trinocular Observation tubes: Trinocular • Observation takes \$2 - 75 mm • Magnification range: 8X up to 300X (with auxiliary objective and eye piece) • Trinocular head 359/459. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Objectives: Plan achromatic, anti fungus • Objectives: Plan achromatic, anti fungus • Discopic Stand with LED Illumination for Reflected light with LED Upthe source • 3W LED transmitted and Incident illumination. Power supply 100V-240V • Working distance = 115mm or more • Micrometer for measurement facility and Image adjustment, fire Wire camera interface and C - Mount 0.55X Adaptor • Objetal early intervention and support. G. 2 Digital Burette • Continuous RS • Output Cap. (approx) 4 litres/hr. stage Distilate quality bH • Objetal early bH No. • Double Distillation Egased <t< td=""><td>[°]F. 7</td><td>Weighing pan</td><td>SS Platform size: 900*1100 mm.</td><td></td><td>01</td><td>]</td></t<>	[°] F. 7	Weighing pan	SS Platform size: 900*1100 mm.		01]
G. 1 Mizoram Centre G. 1 Cigital Trinocular Compound Microscope with Carmera Image Analyzer Software PC Connected Trinocular tube with 30W halogen Illumination and camera attachment facility Mechanical stage movement with roller guide right fitted handle Observation tubes: Trinocular Observation nethod: Bright field Observation tubes: Trinocular Optics: Green optical system Zorm ratio: 17.5 Inter - papillary distance: 52 - 75 mm Magnification range: 8X up to 300X (with auxiliary objective and eye piece) Trinocular head 35°/45°, Eye piece FN 22 or more, with beam splitter 0/100, 100/0 Objectives: Plan achromatic, anti fungus Diascopic Stand with LED illumination for Reflected light with LED Light source 3W LED transmitted and Incident illumination. Power supply 100V-240V Working distance = 115mm or more Micrometer for measurement in eye piece Digital Colour CCD Camera SMP, CCD Chip, Basic software for image analysis, image enhancement facility and Image adjustments like Gamma correction, shading adjustment, fire Wire camera interface and C - Mount 0.55X Adaptor The Microscope, Camera and the Software should be from one single manufacture for better, compatibility, synchronization and support. Continuous RS Output Cap. (approx) Litters/hr. Stage Display = 0.01 to 999.9 ml with 360° rotable discharges No. G.4 Cryo - Tank For Liquid Nitrogen Camputy S/m Campotty S/m	6. Mizoram Centre G. 1 Digital Trinocular Compound Microscope with Camera Image Analyzer Software PC Connected • Trinocular tube with 30W halogen illumination and camera attachment facility • Mechanical stage movement with roller guide right fitted handle 01 No. No. G. 1 Object with Camera Image Analyzer Software PC Connected • Observation method: Bright field • Observation tubes: Trinocular • Optics: Green optical system • Zoom ratio: 17.5 • Inter - papillary distance: 52 - 75 mm • Magnification range: 8X up to 300X (with auxiliary objective and eye piece) • Trinocular head 35°/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Objectives: Plan achromatic, anti fungus • Diascopic Stand with LED illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity control • Diascopic Stand with LED illumination. Power supply 100/2-40V • Working distance = 115mm or more • Micrometer for measurement in eye piece • Digital Colour CCD Camera SMP, CCD Chip, Basic software for image analysis, image enhancement facility and Image adjustments like Gamma correction, shading adjustment, fire Wire camera and the Software should be from one single manufacture for better, compatibility, synchronization and support. 01 No. G. 3 Double Distillation Equipment – Quartz Based • Output Cap. (approx) • Uotput Cap. (approx) • Uotput Cap. (approx) • Confing Water Requirement (approx) • Conling Water Requirement (approx) • Conject with 2000 40. 01 No. G. 4 Cryo – Tank For Liquid Nitrogen • Capacity: 150 to 200L • Long static hold time (>200 days) • Complete with 200 d					No.	
G. 1 Digital Trinocular Compound Microscope with Camera Image Analyzer Software PC Connected • Trinocular tube with 30W halogen illumination and camera Mechanical stage movement with roller guide right fitted handle 01 No. ICAR, Microard Centre • Optics: Green optical system Connected • Observation method: Bright field • Observation tubes: Trinocular • Optics: Green optical system Zoom ratio: 17.5 0 No. ICAR, Microard Centre • Inter - papillary distance: S2 - 75 mm • Magnification range: 8X up to 300X (with auxiliary objective and eye piece) • Trinocular thead 35°/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Objectives: Plan achromatic, anti fungus • Diascopic Stand with LED lilumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity control • Duoble Arm Fibre Illumination for Reflected light with LED Light source • Diascopic Stand with LED illumination. Power supply 100V-240V • Othick and Incident Illumination. Power supply 100V-240V • Output Call Colour CCD Camera 5MP, CCD Chip, Basic software for image analysis, image enhancement facility and Image adjustments like Gamma correction, shading adjustment, fire Wire camera interface and C - Mount 0.55X Adaptor 01 • Output Cap, (approx) 4 litres/hr. Stage 01 • Output Cap, (approx) 4 litres/hr. Stage 01 • Output Cap, (approx) 4 litres/hr. Stage 01 • Output Cap, (approx) 4 litres/hr. Conductivity pS	G. 1 Digital Trinocular Compound Microscope with Camera Image Analyzer Software PC Connected • Trinocular tube with 30W hologen illumination and camera attachment facility 01 No. ICAR, Microard Centre • Observation tubes: Trinocular Connected • Observation method: Bright field • Observation tubes: Trinocular • Optics: Green optical system • Zoom ratio: 17.5 01 • Observation tubes: Trinocular • Optics: Green optical system • Zoom ratio: 17.5 1 No. ICAR, Microard Centre • Optics: Green optical system • Zoom ratio: 17.5 • Inter - papillary distance: 52 - 75 mm • Magnification range: 8X up to 300X (with auxiliary objective and eye piece) • Trinocular head 35°/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Objectives: Plan achromatic, anti fungus • Diascopic Stand with LED Illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity control • Double Arm Fibre Illumination for Reflected light with LED Light source • Digital Colour CCD Camera 5MP, CCD Chip, Basic software for innage analysis, image enhancement facility and Image adjustments like Gamma correction, shading adjustment, fire Wire camera interface and C - Mount 0.55X Adaptor • The Microscope, Camera and the Software should be from one single manufacture for better, compatibility, synchronization and support. • Volume per turn = 5000 µl • Display = 0.01 to 999.9 ml with 360° rotable discharges 01 No. G. 2 Digital Burette Equipment - Quartz Based • Continuous RS • Volume per turn = 5000 µl • Display = 0.01 to 999.9 ml with 360° rotable discharges 01 No. G. 4 Cryo - Tank For Liquid Nitrogen • Capacity: 150 to 200L			Accuracy: 50gm.		ļ	
Compound Camera Image Analyzer Software PC Connectedattachment facility mechanical stage movement with roller guide right fitted handle • Observation method: Bright field • Observation tubes: Trinocular • Optics: Green optical system • Zoom ratio: 17.5 • Inter – papillary distance: 52 – 75 mm • Magnification range: 8X up to 300X (with auxiliary objective and eye piece) • Trinocular head 35°/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Objectives: Plan achromatic, anti fungus • Diacopic Stand with LED illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual interors and Arm Rest and Transparent stage Glass, Manual interors • Working distance = 115mm or more • Micrometer for measurement in eye piece • Digital Colour CCD Camera SMP, CCD Chip, Basic software for image analysis, image enhancement facility and Image adjustments like Gamma correction, shading adjustment, fire Wre camera interface and C – Mount 0.55X Adaptor • The Microscope, Camera and the Software should be from one single manufacture for better, compatibility, synchronization and support.01 No.G. 2Digital BuretteOutput Cap. (approx) • Volume per turn = 500 µl • Display = 0.01 to 999.9 ml with 360° rotable discharges tube.01 No.G. 3Double Distillation • Double Controlutory form • Output Cap. (approx) • Hitres/hr. Stage • Double stage Distillate quality pH01 No.G. 4Cryo – Tank For Liquid Nitrogen• Capacity: 150 to 200L • Complete with turn vial SS rack (maximum levels to cover01 No.	Compound Camera Image Analyzer Software PC Connectedattachment facility mechanical stage movement with roller guide right fitted handle • Observation method: Bright field • Observation tubes: Trinocular • Optics: Green optical system • Zoom ratio: 17.5 • Inter – papillary distance: 52 – 75 mm • Magnification range: 8X up to 300X (with auxiliary objective and eye piece) • Trinocular head 35°/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Objectives: Plan achromatic, anti fungus • Diacopic Stand with LED illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual interors and Arm Rest and Transparent stage Glass, Manual interors • Working distance = 115mm or more • Micrometer for measurement in eye piece • Digital Colour CCD Camera SMP, CCD Chip, Basic software for image analysis, image enhancement facility and Image adjustments like Gamma correction, shading adjustment, fire Wre camera interface and C – Mount 0.55X Adaptor • The Microscope, Camera and the Software should be from one single manufacture for better, compatibility, synchronization and support.01 No.G. 2Digital BuretteOutput Cap. (approx) • Volume per turn = 500 µl • Display = 0.01 to 999.9 ml with 360° rotable discharges tube.01 No.G. 3Double Distillation • Double Controlutory form • Output Cap. (approx) • Hitres/hr. Stage • Double stage Distillate quality pH01 No.G. 4Cryo – Tank For Liquid Nitrogen• Capacity: 150 to 200L • Complete with turn vial SS rack (maximum levels to cover01 No.			T		,	
G. 2 Digital Burette • Optics: Green optical system G. 2 Digital Burette • Continuous RS • Obuble Distillation Equipment - Quartz Based • Optics: Green optical system G. 3 Double Distillation Equipment - Quartz Based • Optics: Green optical system • Zoom ratio: 1:7.5 • Inter - papillary distance: 52 - 75 mm • Magnification range: 8X up to 300X (with auxiliary objective and eye piece) • Trinocular head 359/45°. Eye piece FN 22 or more, with beam splitter 0/100, 100/0 • Objectives: Plan achromatic, anti fungus • Diascopic Stand with LED illumination, reflecting mirror and Arm Rest and Transparent stage Glass, Manual intensity control • Double Arm Fibre Illumination for Reflected light with LED Light source • 3W LED transmitted and Incident illumination. Power supply 100V-240V • Working distance = 115mm or more • Micrometer for measurement in eye piece • Digital Colour CCD Camera 5MP, CCD Chip, Basic software for image analysis, image enhancement facility and Image adjustments like Gamma correction, shading adjustment, fire Wire camera interface and C - Mount 0.55X Adaptor • The Microscope, Camera and the Software should be from one single manufacturer for better, compatibility, synchronization and support. 01 No. G. 2 Digital Burette • Continuous RS • Volume per turn = 5000 µl • Display = 0.01 to 999.9 ml with 360° rotable discharges tube. 01 No. G. 4 Cryo - Tank For Liquid Nitrogen • Capacity: 150 to 2001 • Conguete with 2ml vial SS rack (maximum levels to cover 01 No.	6. 2 Digital Burette • Optics: Green optical system 01 6. 3 Double Distillation • Continuous RS • Olighay = 0.01 to 999.9 ml with 360° rotable discharges tube. 01 6. 4 Cryo - Tank For • Capacity: 150 to 2001. 01 01 6. 4 Cryo - Tank For • Capacity: 150 to 2001. 01 01 6. 4 Cryo - Tank For • Capacity: 150 to 2001. 01 01 6. 4 Cryo - Tank For • Capacity: 150 to 2001. 01 01	G. 1	Compound Microscope with Camera Image Analyzer Software PC	 attachment facility Mechanical stage movement with ro handle Observation method: Bright field 		1	Mizoram
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14	14	G.4		 Capacity: 150 to 200L Long static hold time (>200 days) 			1
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\$ •	 the entire height of the container) and a suitable roller base. Optional accessory such as 5ml vial SS rack should be quoted separately 	
5. 5 Digital Dry Bat		01 No.

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