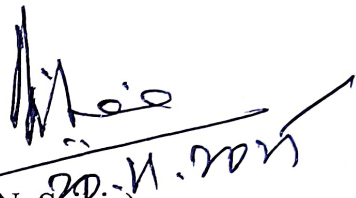


OFFICE OF THE DEAN
FACULTY OF VETERINARY SCIENCE::ASSAM AGRICULTURAL UNIVERSITY
KHANAPARA, GUWAHATI-22

NOTICE INVITING TENDER

Sealed quotations are invited from eligible bidders for procurement of Equipments and other Items for the Veterinary Clinical Complex, College of Veterinary Science, AAU, Khanapara, Guwahati-781022 and will be received in the office of the undersigned up-to **2.30 P.M of 10.12.2025.**

Detailed tender documents may be downloaded from the institute website **www.vetbifg.ac.in.**

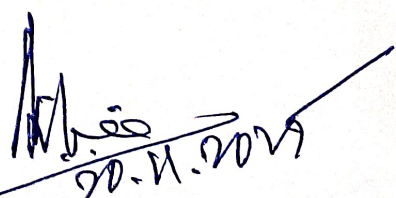

(B.N. Saikia)
Dean,
F.V.Sc., AAU, Khanapara.


Memo No. AAU/CVSc/Equipments-VCC/2025-26/ 8,491-499

Dtd. 21/11/25

Copy forwarded for information and necessary action to :-

1. The Secretary to the Hon'ble Vice-Chancellor, AVFU, Khanapara.
2. The Registrar, AVFU, Khanapara.
3. The Prof. & i/c Head cum Director, VCC, CVSc, AAU, Khanapara.
4. The In-charge, AKMIT Cell, CVSc, AAU, Khanapara. He is requested to post the detailed advertisement in the College website.
5. The Administrative Officer / Asstt. Comptroller, CVSc, AAU, Khanapara.
6. M/S Axel Computer, Sixmile, Suruj Nagar, Near SBI Sixmile Branch, Ghy-781022, with a request to publish the above advertisement in minimum size and space in one issue of the esteemed daily(the Assam Tribune & Times of India) urgently and submit the bills in triplicate along with the paper cut and Authorization Certificates for payment.
7. Notice Board, Dean's Office, FVSc, AAU, Khanapara.
8. ☒ Office copy.


(B.N. Saikia)
Dean,
F.V.Sc., AAU, Khanapara.


GENERAL TERMS AND CONDITIONS:

1. Any item offered/quoted should conform to the technical specifications desired by the purchaser. Quotations for items beyond the scope of the technical specification asked for shall not be entertained.
2. The compliance statement (technical specification desired and offered) along with separate sheet of Terms & Conditions should invariably accompany the quotation both as 'hard copy' and 'soft copy' typed in MS word in A4 size paper in the prescribed format (Annexure-I), without which the quotation shall not be considered.
3. The bidder shall have to deposit Rs. 300.00 as tender fee (non refundable) in the form of Demand Draft drawn in favour of Dean, Faculty of Veterinary Science, AAU, Khanapara, Guwahati-22.

INSTRUCTION TO BIDDERS

1. All Quotations should mention in the cover of the Envelope distinctly the name of the Item, NIT Ref. No., Bidder's Name & Address, Contact No. etc. as shown below:-

QUOTATION FOR SUPPLY OF(Name of equipment/ item) FOR THE
VETERINARY CLINICAL COMPLEX, CVSc., AAU, KHANAPARA, GUWAHATI-22.

NIT REF NO.DATED.....

To,
The Dean,
Faculty of Veterinary Science
Assam Agricultural University
Khanapara, Guwahati- 781022
Assam, India

From:
M/s
Address:
Contact No.:
Email ID:.....

2. Standard Technical literature preferably printed & supplied by manufacturer concern on each of the items offered.
3. Dealership certificate on the offered products in case of dealer.
4. List of reputed organizations/Institutions, where similar orders have been executed (**copies of the purchase/work orders will have to be enclosed**).
5. Up-to-date GST Registration certificate including TIN of the firm will have to accompany the quotation to be submitted.
6. In case the offered price is inclusive of all taxes, **the tax components in details should be shown separately.**
7. **Earnest money should be shown in details in the forwarding letter.**
8. Details of nature and maximum period of **warranty** offered by the Bidder/Vendor.
9. After Sales Service: The name & address of the nearest available authorized service centre to CVSc., AAU, Khanapara, Guwahati, should be stated in the quotation.
10. NOTE: The bid documents are not transferable and the firm's seal and signature of the authorized official must appear on all the papers and envelopes submitted.

11. At the time of delivery/Installation the supplier should stick a Sticker in a suitable side of the instrument/Machine indicating the following:-
- The name of the company/supplier:-
 - Date of Delivery:-
 - Department/Office:-
 - Date of Installation:-
 - Expiry date of warranty period as per tender:-
 - Date of start for AMC:-
 - Contact No.:

TERMS & CONDITIONS : (Please note the term 'both foreign & indigenous' wherever mentioned, means the term is applicable to both foreign & indigenous purchase)

01. Rates: Rates quoted for indigenous items must be on FOR College of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati- 781022, on DOOR DELIVERY Basis, with break-up as per details below (For import items please refer 'Additional Terms for imported goods' below).

Break-up of cost:

- (a) Basic Price
- (b) (+) GST
- (c) Sub-Total Price
- (d) (+) Freight & Insurance Charge, if any
- (e) (+) Installation & Commissioning Charge, if any
- (f) Grand Total F.O.R. CVSc., AAU, Guwahati, Price

Note: Vague terms like "packing, forwarding, transportation etc. extra" without mentioning the specific amount will not be accepted. Such offers shall be treated as incomplete and rejected. Bidders shall indicate their rates in clear/visible figures as well as in words and shall not alter/overwrite/make cutting in the quotation. In case of a mismatch, the rates written in words will prevail.

02. Validity (Both foreign & indigenous): Quoted rates must be valid for minimum 120 days.

03. **To facilitate prompt evaluation, the bidder must positively submit Double Bids (Technical bid and Price bid, separately) for each item for verification and evaluation.** If the bidder fails to qualify the technical specifications, the bid will automatically get rejected for the specific item, prior to opening of the price bid.

04. Earnest Money (Both foreign & indigenous):

All firms are required to submit Earnest Money along with the Quotation. The EMD of unsuccessful bidders shall be returned after award of contract. All tenders received without EMD shall be summarily rejected.

Refundable earnest money deposit, amounting to minimum 2.5% of the total quoted value (rounded off to the nearest thousand rupees) through Demand Draft drawn in favour of Dean, Faculty of Veterinary Science, Assam Agricultural University, Khanapara, Guwahati- 781022, Assam, India payable at Guwahati, will have to accompany all quotations to be submitted. Quotations submitted without appropriate amount of earnest money are likely to be rejected.

Earnest money deposit will not bear any interest, and have to be in the form of demand draft only.

05. PENALTY FOR DELAYED DELIVERY (for both foreign & indigenous):

In case of supply order for the SCIENTIFIC EQUIPMENTS/ APPARATUS, the date of delivery should be strictly adhered to. In the event of delayed delivery, installation & commissioning i.e. after the expiry of the period as agreed by both the parties, the vendor shall be liable for a penalty deduction at a percentage of the value of the undelivered equipment subject to a maximum of 10% (ten percent) as detailed below:

- @1% up to one week;
- @2.5% up to two weeks;
- @5% up to three weeks;
- @10% for four weeks and above

For the purpose of this clause, part of the week is considered as a full week. In case of delayed delivery, the Chairman, Purchase committee, CVSc., AAU, Khanapara, Guwahati reserves the right not to accept the subject consignment.

06. IN CASE OF INDIGENOUS SUPPLIES, the goods should be insured against theft, loss or breakage during transit and insurance charges should not exceed 1% of the cost of material supplied, the rates of Sales Tax, Excise Duty etc. (as applicable) should be clearly indicated.

07. PRE-INSTALLATION REQUISITES (Both foreign & indigenous):

Pre-installation requisites (electrical/floor/space/air-conditioning etc.), if any should invariably be mentioned clearly. Installation/ Training will be the full responsibility of the supplier/ Indian Agent.

08. GENUINE PRICING (Both foreign & indigenous):

Vendor is to ensure that quoted price is not more than the price offered to any other customer in India to whom this particular item has been sold, particularly to other SAU/ IIT/ICAR Institutes and other Government Organization. Copy of the latest price list for the quoted item, applicable in India, must be enclosed with your offer.

09. **The bidder shall has to submit user list with order copies of the Institute/ Govt. organization to whom the item was supplied.**

10. DELIVERY:

(a) Delivery of goods at CVSc, Khanapara, Guwahati, will have to be maximum within 45(Forty-five) days from the date of issue of the Purchase Order.

(b) SAFE DELIVERY OF GOODS: All aspects of safe delivery shall be the exclusive responsibility of the vendor. At the destination site, the cartons will be opened only in the presence of CVSc, Khanapara, Guwahati user/representative and vendor's representative and the intact position of the seal for not being tampered with, shall form the basis for certifying the receipt in good condition.

(c) NO PART DELIVERY: Part shipment will not be allowed.

11. Mode of Payment for Indigenous Purchase (For import items please refer 'Additional Terms for imported goods'):

(1) Payment for Indigenous Purchases will be maximum within 60 days from the date of successful delivery and installation of goods at CVSc., AAU, Khanapara Guwahati, generally through A/c payee cheque. In case payment is to be made by DD, the Draft commission will be deducted from the bill amount.

Note: Please note as per Institute's norm advance payment is not allowed for any purchase.

12. The offers (Both foreign & indigenous) submitted by telex/ telegram/ fax/ E-mail etc. shall not be considered. No correspondence will be entertained on this matter.

13. Late and delayed tender (Both foreign & indigenous):

Late and delayed tender will not be considered. In case any unscheduled holiday occurs on prescribed closing the next working day shall be the prescribed date of closing.

14. Conditional tenders not acceptable (Both foreign & indigenous): Conditional tenders shall not be accepted on any ground and shall be rejected straightway. In other word, printed conditions mentioned in the tender bids submitted by vendors will not be binding on CVSc, AAU, Khanapara. All the terms and conditions for the supply, payment terms, penalty etc. will be as those mentioned herein and no change in the terms and conditions by the vendors will be acceptable.

15. Specifications are basic essence of the product (Both foreign & indigenous): It must be ensured that the offers are strictly as per our specifications. At the same time it must also be kept in mind that merely copying our specifications in their quotation shall not make firms eligible for consideration. A quotation has to be supported with the printed technical leaflet/literature (wherever applicable) and the specifications mentioned in the quotation must be reflected/

supported by such printed technical leaflet/literature model quoted/tendered specifications should invariably be highlighted in the leaflet/literature for easy reference.

16. Enquiry during the course of evaluation not allowed (Both foreign & indigenous): No enquiry shall be made by the bidder(s) during the course of evaluation of the tender till final decision is conveyed to the successful bidder(s). However, the Committee/its authorized representative and office of the CVSc., AAU, Khanapara, GUWAHATI can make any enquiry/seek clarification from the bidders. In such a situation, the agency shall extend full co-operation. The bidders can also be asked to arrange demo of the offered items, in a short period notice, as such the bidders have to be ready for the same.

17. The acceptance of the quotation(Both foreign & indigenous) will rest solely with the Dean, FVSc., AAU, Khanapara, Guwahati, who in the interest of the Institute is not bound to accept the lowest quotation and reserves the right to himself to reject or partially accept any or all the quotations received without assigning any reasons.

18. Force Majeure (Both foreign & indigenous): If the performance of the obligation of either party is rendered commercially impossible by any of the events hereafter mentioned that party shall be under no obligation to perform the agreement under order after giving notice of 15 days from the date of such an event in writing to the other party, and the events referred to are as follows: (I) any law, statute or ordinance, order action or regulations of the Government of India. (II) Any kind of natural disaster and (III) Strikes acts of the Public enemy, war, insurrections, riots, lockouts, sabotage.

19. Termination for default (Both foreign & indigenous): Default is said to have occurred:-

- If the supplier fails to deliver any or all of the services within the time period(s) specified in the purchase order or any extension thereof granted by CVSc., AAU, Khanapara, Guwahati

- If the supplier fails to perform any other obligation(s) under the contract. If the vendor, in either of the above circumstances, does not take remedial steps within a period of 30 days after receipt of the default notice from CVSc., AAU, Khanapara, Guwahati (or takes longer period in spite of what CVSc., AAU, Khanapara, Guwahati may authorize in writing), CVSc., AAU, Khanapara, Guwahati, may terminate the contract/ purchase order in whole or in part and forfeit the EMD as applicable. In addition to above, CVSc., AAU, Khanapara, Guwahati, may at its discretion also take the following actions:

CVSc., AAU, Khanapara, Guwahati, may procure, upon such terms and in such manner, as it deems appropriate, goods similar to the undelivered items/products and the defaulting supplier shall be liable to compensate CVSc., AAU, Khanapara, Guwahati, for any extra expenditure involved towards goods and services obtained.

20. Applicable Law (Both foreign & indigenous):

(a) The contract shall be governed by the laws and procedures established by Govt. of India and subject to exclusive jurisdiction of Competent Court and Forum in Guwahati, India only.

(b) Any dispute arising out of this purchase shall be referred to the Dean FVSc., AAU, Khanapara, Guwahati, and if either of the parties hereto is dissatisfied with the decision, the dispute shall be referred to the decision of an Arbitrator, who should be acceptable to both the parties, to be appointed by the Dean, FVSc., AAU, Khanapara, Guwahati,. The decision of such Arbitrator shall be final and binding on both the parties.

21. ADDITIONAL TERMS FOR IMPORTED GOODS

Following terms besides the fore mentioned terms will be applicable in case of foreign purchases:

All Items including for imported items, the code should be strictly F.O.R., Khanapara, Guwahati Campus of the University. Logistic expenditures towards Customs Duty, Clearing Charges, Transportation cost etc. should be included in the rate and shown separately.

► In case of Irrevocable Letter of Credit the following points should maintain strictly:-

i) MAWB No. & HAWB No. & Forwarder's Name (To Whom Release order should be issued by the negotiating bank) should immediately informed by the Principal through Fax to the Buyer 10 (ten) days before dispatch of the equipment.

ii) Bank Charges outside India, if required, will have to be borne by the Manufacturer/ Principal.

22. Rates: Quoted rates should be in CIF/CIP Kolkata terms and charges to be stated in the following break-ups:

- (a) Ex-works value
- (b) + Documentation & Handling Charge, if any
- (c) + Estimated Overseas Freight to be paid at actual against authentic documents and monetary receipt
- (d) + Estimated Overseas Insurance Charge to be paid at actual against authentic documents and monetary receipt (In case the firm holds open insurance policy, the Insurance Certificate relating to the consignment will have to be provided).
- (e) Total CIP/CIF Kolkata value.

23. After Sales Service: In case of imported items, foreign manufacturing firms should indicate facilities available for after sales service, detail address and contact number of their local representative in India without which their offers are liable to be ignored.

24. Delivery:

- (a) Delivery of goods at CVSc., AAU, Khanapara, Guwahati,, will have to be maximum within 95(ninety-five) days from the date of issue of the Purchase Order.
- (b) Delivery at Kolkata Airport only: As we do not have clearing agent in any other Airport/Seaport, delivery is to be made only at Kolkata.
- (c) While transshipment will be allowed, part shipment will not be allowed.

25. Payment:

- (a). Above \$10,000.00: By an irrevocable letter of Credit at CIF/CIP Kolkata value negotiable through any overseas branch of State Bank of India/ with unrestricted provision.
- (b) Below \$10,000.00 by FDD as given below:

(i) 100% Payment Basis: On request by the supplier/s 100% payment by FDD will be made. In this case on receipt of your Order Acknowledgement an FDD will be established for total ordered value, thereupon, a Xerox copy of the FDD will be sent to you which will enable you to send the materials. On satisfactory receipt and acceptance of the materials or satisfactory installation and commission of the equipment the Original FDD will be sent to you.

Note: Please note FDD/LC will not be opened unless and until Letter of Acknowledgement in original is received at CVSc., AAU, Khanapara, Guwahati, directly from the principal (Even in case of firms having subsidiary office in India). The Indian agents are therefore advised to submit quotation after consultation with their respective principals).

26. Agency Commission: The percentage of ex-works value to be paid to Indian agent in equivalent to Indian currency as agency commission as applicable will have to be clearly stated in the quotation wherever applicable.

27. Country of Origin: While Country of Origin Certificate will not be insisted, the same however will have to be stated in the Original Invoice for payment through LoC.

28. LC Amendment: LC/FDD amendment charges due to mistake on the part of the supplier, if any, will have to be borne by the supplier.


(B.N. Saikia)

Dean,
Faculty of Vety. Science
Assam Agricultural University
Khanapara, Guwahati-22


21/11/25

**LIST OF EQUIPMENTS AND OTHER ITEMS WITH DESIRED SPECIFICATIONS TO
BE PURCHASED FOR THE VETERINARY CLINICAL COMPLEX, COLLEGE OF
VETERINARY SCIENCE, AAU, KHANAPARA, GUWAHATI-22.**

SL No	Name of the Equipments/ Items	Qty.	Desired Specifications
1.	Hemodialysis machine	1	Construction, Operation and Functional features: Latest technology with microprocessor controlled machine Dialysis facility: Machine should have one bacterial filter (pyrogen filter) before water going to dialyzer Machine should have Sequential / Isolation Ultra filtration facility Monitoring Facility: Arterial Pressure Monitoring shall be of any range in between value of -300 mm Hg to +280 mm Hg Venous Pressure Monitoring shall be of any range in between value of -60 mm Hg to +520 mm Hg Transmembrane Pressure Monitoring shall be of any range in between value of -60 mm Hg to +500 mm Hg Treatment parameters should be displayed by trend curve and digital both in a user friendly manner Arterial Blood pump flow rate shall be of any range in between value of 20 to 600 (ml/min) Blood tubing pump segment should be operator changeable for use of different type of blood tubing sets Blood Tubing Pump segment range 4mm to 10mm approx Variable dialysate flow shall be of any range in between value of 100 to 800 (ml/min) Dialysate Temperature shall be of any range in between value of 35 to 39 (degree C) Machine should have volumetric Ultrafiltration system Specification: Machine should have In-line Bicarbonate mixing and solution preparation facility with sterile dry powder cartridge during dialysis Machine should have Air bubble detector facility with level adjustment facility for Venous Chamber by up/down keys Machine should have mechanism /technology to check the presence of blood/saline in the extracorporeal blood circuit system Should have Sodium, Bicarbonate and UF profiling/adjustment facility Machine should have Heparin Infusion Pump with rate 0 to 10 ml/hour with value adjustment facility and Bolus infusion from 0 to 5 ml Machine should have blood leak sensor Alarm will be activated at maximum dialysate flow of 800ml/min and for blood loss rate not greater than 0.5ml/min Machine should be able to accept different concentrate formulation, different dialyzers and blood tubing set

		Ultrafiltration rate (Lts/Hr) Machine should have variable conductivity setting which must include 13 to 15 ms/cm Machine should have facility for priming and rinsing of dialyzer and blood lines Machine should have Hot Rinsing and Hot Chemical Disinfection facility (Temp above 80 deg Celsius) with recirculation system Built-in heat exchanger Machine should have built-in automatic pulse rate and blood pressure(NIBP) monitoring unit Machine should have real time clearance surveillance for urea & Kt/V to assess adequacy of dialysis. It should display real time Urea clearance, Plasma Sodium, Current Kt/V and Time required to achieve Target Kt/V. Machine should be up gradable to future software development and can be linked for Data Management System Machine should have in-built patient card reader for downloading therapy data so that machine can be used anytime without feeding data every time Automatic self test facility Audio visual alarms available Standard Accessories: Bacterial filters needed. User Interface: Colour display operated by touch buttons or touch screen Colour panel display Data protection while power goes off Memory for storage of records USB and Ethernet for file sharing Electrical Features: Auto ON/OFF Facility LED indicator on front panel for status of machine Power supply (with Indian plug) Machine should have Automatic battery backup of minimum 15 minutes to complete Extracorporeal blood system during power failure UPS of suitable rating with voltage regulation and spike protection for 60 minutes back up Certifications and reports: Compliance to Medical Device Rules (MDR) 2017 as amended till date Machine should be US FDA approved or CE certified Availability of valid drug license/medical device license for the product issued from the competent authority defined under Drugs and Cosmetic Act 1940 and Rules made there under as amended till date Manufacturing unit certification Availability of Test Report for each supplied batch/product as
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			per Medical Device Rules (MDR) 2017 as amended till date Compliance to electrical safety specific to the device Submission of all necessary certifications, licenses and test reports to the buyer at the time of bid submission and/or along with supplies as per buyer requirement Installation and Training: Supplier to perform installation, safety and operation checks before handover Training of users in operation and basic maintenance must be provided. Warranty and Maintenance: Warranty in Years ; Company offered normal warranty and CMC thereafter for 5 years needed User technical and maintenance manual detailing complete maintaining schedule with routine maintenance should be provided Contact details of manufacturer, supplier and local service agent to be provided NB: 1. An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the machine. 2. Comprehensive maintenance contract (CMC) for five years is required. 3. Quick service provider must be available in and around Guwahati, Assam.
2.	Shadowless Lamp:	2	Illumination (Lux): A range of illumination should be 160,000 lux or more at a distance of 1 meter. Colour Temperature: Measured in Kelvin (K), A range, such as 3,700K to 5,000K will be required. Colour Rendering Index (CRI): CRI indicates how accurately the light source renders colours. A CRI of 85 to 98 is desirable for surgical procedures Light Field Diameter: This refers to the size of the illuminated area. A larger light field diameter is generally preferred for broader coverage of the surgical site. Heat Dissipation: Shadowless lamps should be designed to minimize heat generation, with some incorporating heat-absorbing filters and cold light sources (like <u>LEDs</u>) to reduce heat radiation and maintain a comfortable temperature for the surgical team and patient.

			Depth of Illumination: Good illumination deep into the surgical site must be ensured. LED Lifespan: LED-based shadowless lamps of lifespan exceeding 50,000 hours. Backup Power: Models including battery backup for continued operation during power outages is desirable, Brightness Control: Provision for brightness control must be available. Sterilizable Handle: Should enables the surgeon to easily adjust the light position without compromising sterility. Movement: Shadowless lamps should be mobile (floor-standing), with features like radial, angular, and axial movement for optimal positioning. Automatic Functions: Advanced models offering automatic features like automatic power-off and over-charging cut-off for batteries are desirable. NB: 1. An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the machine. 2. Comprehensive maintenance contract (CMC) for five years is required. 3. Quick service provider must be available in and around Guwahati, Assam.
3.	Stainless steel Instrument trolley	10	Two shelf utility cart with 2 solid High Quality Stainless Steel shelves, anti-corrosion and anti- rust Sheet thickness – 1.2mm or more Solid shelves to prevent dirt from kicking into inventory Guardrails in all sides of round stainless steel pipes- above each shelf. Numbered posts for fast level shelf adjustment Curved handles to make material transport safe, easy and efficient Rubber or polyurethane wheels (Casters 4×75mm universal – 2 with brakes) for mobility. Size : 700×480×900mm Load Capacity: 25kg or more NB: An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the item.
4.	Instrument/medicine cabins/almirah	6	Material: Made from durable materials like CRCA (Cold Rolled Coil Annealed) steel or stainless steel of 0.8 mm thick to prevent corrosion and ensure longevity with 6mm-8mm glass parts.

			Construction: The frame should be made from heavy-duty mild steel sheets of 0.8 mm or more thickness. Doors: Doors should be made of transparent glass of 4-6mm thickness for easy visibility. They should feature individual key locking mechanisms for security. Shelves: Cabinets with four adjustable shelves, which should be made of glass of 6-8mm thickness to organize instruments and equipment. Finish: The cabinets should be treated with an epoxy powder coating for improved durability and a professional look. Size: 1980 mm height x 480 mm depth X 910 mm wide Internal Features: Two separate sections, with their own locking system and internal safes for highly sensitive instruments is desirable. Safety Locks: A primary safety feature is the presence of good quality lock with two or three keys provided.
5.	Dental ultrasonic scaler	1	Frequency: The ultrasonic scalar's tip vibrates at a high frequency- 28 kHz $\pm$ 3 kHz. Power Output: The output power generally ranges from 3W to 20W. Vibration Excursion: The tip's movement (half excursion force) should be less than 2N to ensure gentle and effective operation. Water Pressure: The scalar requires a water supply with a pressure between 0.01MPa (or 0.1bar) and 0.5MPa (or 5bar). Handpiece& Tip Specifications Handpiece Type: detachable for sterilization (autoclavable) and may be equipped with LED lights for enhanced visibility during treatment. Tip Compatibility: The unit must be compatible with specific tip types (e.g., ED1, GD1, PD1) for different dental procedures. Unit & Design Specifications Power Input: Requires a standard electrical input, usually 100-240V~ 50/60Hz. Main Unit Weight: The main unit's weight can be around 0.68kg to 1.8kg. Digital Display: Units with a digital display for mode selection and parameter control is preferable.. Operating Modes: Scalars having distinct modes for general, periodontal, and endodontic applications is desirable.. Water Supply: Units may have a detachable water tank or support an auto-water supply function.

			NB: 1. An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the microscope. 2. Quick service provider must be available in and around Guwahati, Assam. 3. Warranty for three years is required and regular quarterly free check up must be ensured.
6.	Thermocauter y Machine	1	Operating Frequency: Typically in the range of 300kHz to 500kHz. ☐ Output Modes: ☐ Monopolar: Includes cutting modes (e.g., pure cut, blend cut) and coagulation modes (e.g., soft, fulgurate, spray). ☐ Bipolar: May include micro and macro modes for bipolar coagulation. ☐ Power Output: Maximums typically specified for cutting – 300W and for coagulation – 120W ☐ Safety Features: ☐ Patient plate monitoring: Alerts for improper contact to prevent burns. ☐ Timeout function: Prevents prolonged activation of HF output. ☐ Self-test: The unit performs a self-test during power-on. ☐ Upgradeability: May include options for tissue feedback, pulsed interval-controlled ENDO CUT, and Argon delivery. ☐ Compatibility: May be compatible with other devices like Argon Plasma Coagulation systems and Smoke Evacuators. ☐ General Safety Standards: Compliance with standards like IEC 60601-1-1, IEC 60601-2-2, and EMI/EMC compatibility is often specified. ☐ Certifications: Certifications like European CE with a notified body number and ISO 9001:2015 and ISO 13485:2016 are often required. Additional Features: ☐ Touchscreen display: For ease of use and error indication. ☐ Internal memory: For storing events and errors. ☐ Digital wattage indication: For bipolar, monopolar cut, and coagulation. ☐ Dual monopolar outputs: For simultaneous use by two surgeons. ☐ Footswitch control: With options for assigning pedals to different outputs. NB: 1. An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the machine.

			2. Quick service provider must be available in and around Guwahati, Assam. 3. Warranty for three years is required and regular quarterly free check up must be ensured.
7.	Nebulizer	2	Particle Size (MMAD): The most important factor for lung deposition. A smaller MMAD (e.g., 3μm or less) allows the medication to reach deeper into the lungs. Larger particles may be deposited in the upper airways. Nebulization Rate: This indicates how quickly the liquid medicine is converted into a mist. A higher rate (e.g., 0.4ml/min) can shorten treatment time. Medication Capacity: The maximum amount of liquid medication the nebulizer can hold. Operating Time: Some nebulizers have a maximum operating time (e.g., 20 minutes, or continuous operation). Other Specifications: Noise Level: Measured in decibels (dB), lower noise levels are preferable. Air Flow: Measured in liters per minute, higher air flow can indicate more efficient nebulization. Residual Volume: The amount of medication left in the nebulizer after treatment. Power Requirements: Voltage and frequency (e.g., 220-240V, 50Hz). Type of Nebulizer: Compressor nebulizers are common, but other types like ultrasonic nebulizers exist. NB: 1. An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the machine 2. Quick service provider must be available in and around Guwahati, Assam. 3. Warranty for three years is required and regular quarterly free check up must be ensured.
8.	Oxygen delivery set	2 sets	Cylinder Material: Typically made of manganese steel or carbon steel. Standards: Conform to IS:7285 Part 2 and are ISI marked, Working Pressure: 150 kgf/cm² at 15°C. Hydraulic Test Pressure: 250 kgf/cm². Capacity: Type A – 4 Nos., Type B- 4 Nos. and Type D - 2 Nos. Color Coding: Black - Follows IS 3933-1966 with updates. Fittings: Fitted with pin index valve for use with anaesthesia machines and regulators for controlled delivery. Accessories: Must be included a regulator, humidifier bottle, cylinder trolley, Masks & delivery tubes, wrench for oxygen cylinder and flow meter. Safety: Should be equipped with safety valves to prevent over-pressurization

9.	Small animal orthopedic surgery instruments	1 set	Material: Must be made of high quality stainless steel. 1. Drill bit 2.0mm, Length 125 - 2 Nos. 2. Drill bit 2.7mm, Length 125 - 2 Nos. 3. Drill bit 3.5mm, Length 125 - 2 Nos. 4. Counter Sink 2.7mm - 1 No. 5. Counter Sink 3.5mm - 1 No. 6. Tap for 2.7mm Cortex Screws - 2 Nos. 7. Tap for 3.5mm Cortex Screws - 2 Nos. 8. Tap for 4.0mm Cancellous Bone Screws- 2 Nos. 9. Hexagonal Screw driver 2.7mm - 2 Nos. 10. Hexagonal Screw driver 3.5mm - 2 Nos. 11. Depth Gauge for 2.7mm - 1 No. 12. Depth Gauge for 3.5mm to 4.0mm Screws- 1 No. 13. Bone Hook (small) - 2 Nos. 14. Screw Holding Forceps - 2 Nos. 15. DCP Drill & Neutral Guide-2.7mm - 1 No. 16. DCP Drill & Neutral Guide-3.5mm. - 1 No. 17. Bending pliers for plates 2.7mm - 1 No. 18. Bending pliers for plates 3.5mm - 1 No. 19. Drill 7 Tap sleeve – 2.0mm/2.7mm - 1 No. 20. Drill 7 Tap sleeve – 2.5mm/3.5mm - 1 No. 21. Bone Holding Self-Centering Forceps - 2 Nos. 22. Reduction Forceps Serrated - 2 Nos. 23. Reduction Forceps with Points, Wide Ratchet Lock - 2 Nos. 24. Hohman's Retractor-6mm Wide - 2 Nos. 25. Hohman's Retractor-8mm Wide - 2 Nos. 26. Periosteal Elevator - 1 No. 27. Periosteal Elevator with Hylem Handle- 1 No. 28. Plaster Cutting Scissors - 1 No. 29. Surgical Driller with Battery - 1 No. 30. Roller Type Plate Bender - 1 No. 31. Roentger Bone Cutter - 1 No. 32. Screw Box with Screw - 1 No. 33. Wire cutter cum Tightener - 1 No. 34. Lomen Bone Holding Clamps - 2 Nos. 35. Bone Rasp - 1 No. 36. Plastic angel - 2 Nos. 37. Plastic shear - 2 Nos. 38. Wire Saw - 2 Nos. 39. Oscillating Bone Saw - 1 No. 40. Chisel - 1 No. 41. Mallet - 1 No. 42. Wedge cutter - 1 No. 43. Stainless Steel Pin Cutter TC Tip-18.5 inch- 1 No. 44. Stainless steel Steinmann pins- 2mm, 2.5mm,3mm, 3.5mm, 4mm – 12 Nos. of each size 45. K-wire – 1mm, 1.5mm, 2mm -12 Nos. of each size 46. Stainless steel orthopaedic wire reels- 22G, 26G, 28G, 30 G, 34G, 36G -1 No. of each size 47. Inter Locking Nail Instruments
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			Sleeves (3.2, 3.5, 4.0, 4.5mm) -One of each Conical Bolt -2 T-Handle wrenches, Extractor rods, Round Hammer, Introducer, Bone awl, Spanner, Distal Jig, Jig - One of each
10.	Small animal operation table	2	The table should be suitable for small animals operations such as dog, cat, goat, sheep, deer, rabbit, etc. Material: Made of high quality medical grade stainless steel. The table top must be smooth, plain, non-reflecting and easy to clean and disinfect. Hydraulic / electrically operated Up & Down movements and Manual other movement like lateral tilt, trendelenburg/reverse trendelenburg facilities must be incorporated. Height adjustment by stepping foot pedal downward and/or with handheld remote facility is required. Handle for manual lateral tilt and trendelenburg/reverse trendelenburg is required. Size: Overall size of the top must not be less than 24 inch×54 inch. Drain hole in the table top for fluidly drain flow to a close fitting translucent bucket under the table must be present. NB: An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the table.
11.	Stainless steel patient trolley	5	Frame Material: Stainless steel (often #304 grade), which is rustproof, durable, and easy to clean. Dimensions: Length: Typically 1900 mm to 2100 mm. Width: Commonly 560 mm to 610 mm. Height: Often around 810-850 mm, but can be adjustable or have a range. Castor Wheels: Number: Four wheels are standard. Diameter: Usually 125 mm or 150 mm. Locking Mechanism: At least two wheels typically have brakes for stability. Stretcher Top: A removable top made of stainless steel, padded with a mattress (foam-padded). Load Capacity: From approximately 150 kg to 250 kg. NB: An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the trolley.
12.	Dental surgery set	1 set	1. Greta Premium Dental 5 pcs Kit Instruments. 2. Gplus Dental Scaler Set of 8 Pcs. Stainless Steel Utility Forceps. 3. Extracting Forceps #62 Serrated Beaks Universal Upper/Lower Incisors, Canines. 4. Dental Extracting Extraction Serrated Forceps #150, for Maxillary incisors, Canines, premolars and Roots, 5. Veterinary Dental Forceps - A set of pod Root Fragment Forceps, pod Tartar Removing Forceps, pod Large Breed Angled Extraction Forceps, pod Large

			Breed Straight Extraction Forceps, pod Small Breed Angled Extraction Forceps, pod Small Breed Straight Extraction Forceps 6. Deep cavity Needle holder – 6 inch, stainless steel 7. Suture cutting scissors – 6 inch, stainless steel. 8. Swaged on B.B. silk sutures – size 1-0, 2-0, 3-0
13.	Binocular compound microscope	4 Nos.	Head: Binocular 30° to 45° inclined and rotatable 360°, IPD 48-75mm, with Dioptic adjustment on left ocular Eyepieces: WF 10x/20mm paired with eye guards quadruple nose piece (Ball bearing type) Objectives: DIN Plan Achromat 4x, 10x, 40x (Spring loaded), 100x (Spring loaded, Oil immersion) Stage: Rectangular size 142x133mm double plate with Mechanical stage cross travel 75x 50 mm on ball bearing with co-axial control, Spring clip Double slide Holder. Sub-stage ABBE condenser NA 1.25 with a spheric lens. Special day light blue filter Focusing: Coaxial coarse/fine focus system Illumination: LED Illumination with intensity control NB: 1. An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the microscope. 2. Quick service provider must be available in and around Guwahati, Assam. 3. Warranty for three years is required and regular quarterly free cheque up must be ensured.
14.	Semi Automatic Biochemistry Autoanalyzer	1 unit	1. Absorbance measurement range spans from -0.3 to 3.0 abs 2. Display resolution should be 0.001 abs for user readouts, with internal calculation precision of 0.0001 abs 3. Temperature control should maintain accuracy within ± 0.1 °C, with selectable setpoints such as room temperature, 25 °C, 30 °C, and 37 °C 4. The optical system should include multiple fixed wavelengths: 340 nm, 405 nm, 510 nm, 546 nm, 578 nm, 620 nm, plus two open positions for optional filters 5. System stability should maintained within 0.005 abs over a 30-minute measurement window 6. Light source should have a halogen lamp, and the unit should feature a quartz flow cell with a sample path of 30 μL 7. Sample injection volume should range from 0 to 6000 μL 8. Carry-over between tests should be limited to 1% or less 9. Memory capacity should support up to 500 distinct test items and 10,000 result records

			10. The display should be 7-inch color LCD, supported by an embedded high-speed processor 11. Reporting should be enabled by a built-in thermal printer, with support for external printers as well 12. Power requirements are 100–240 VAC, 50/60 Hz, aligning with global laboratory power standards NB: 1. An audiovisual presentation on the product in front of an expert team must be included to add scores for final acceptance of the microscope. 2. Quick service provider must be available in and around Guwahati, Assam. 3. Warranty for three years is required and regular quarterly free cheque up must be ensured. 4. AMC for a period of five years should also be provided by the supplier.																												
15.	Router for internet connection	1 Unit	<table><tr><td>Features of the Product</td><td>Simultaneously transfer data to multiple devices for 2× faster: Establish a whitelist or blacklist to allow or block certain devices from accessing the internet</td></tr><tr><td>Frequency Band Class</td><td>Dual-Band</td></tr><tr><td>Wireless Compatibility</td><td>802.11a</td></tr><tr><td>Compatible Devices</td><td>Laptop, Personal Computer, Smartphone</td></tr><tr><td>Frequency</td><td>5 GHz</td></tr><tr><td>Antenna Location</td><td>Business, Home</td></tr><tr><td>Connectivity Technology</td><td>Wired</td></tr><tr><td>Antenna Type</td><td>Internal</td></tr><tr><td>Operating System</td><td>Linux, Mac OS, Windows, Windows 10</td></tr><tr><td>Security Protocol</td><td>64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption</td></tr><tr><td>Number of Ports</td><td>5</td></tr><tr><td>Data Transfer Rate</td><td>1200 Megabits Per Second</td></tr><tr><td>LAN Port Bandwidth</td><td>10/100/1000 Mbps</td></tr><tr><td>Maximum Upstream Data Transfer Rate</td><td>867 Megabits Per Second</td></tr></table>	Features of the Product	Simultaneously transfer data to multiple devices for 2× faster: Establish a whitelist or blacklist to allow or block certain devices from accessing the internet	Frequency Band Class	Dual-Band	Wireless Compatibility	802.11a	Compatible Devices	Laptop, Personal Computer, Smartphone	Frequency	5 GHz	Antenna Location	Business, Home	Connectivity Technology	Wired	Antenna Type	Internal	Operating System	Linux, Mac OS, Windows, Windows 10	Security Protocol	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption	Number of Ports	5	Data Transfer Rate	1200 Megabits Per Second	LAN Port Bandwidth	10/100/1000 Mbps	Maximum Upstream Data Transfer Rate	867 Megabits Per Second
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(B.N. Saikia)

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Annexure I

Sl. No.	Sl. No. in NIT	Name of the Item	Desired Specifications of NIT	Offered Specifications	Quoted Unit Price	AGST/CGST etc.	Extra charges, if any, for delivery at destination	Total amount	Other terms and conditions


 (B.N. Satikia)
 Dean,
 FVSc. AAU. Khanapara
