

DIRECTORATE OF RESEARCH (VETY.): ASSAM AGRICULTURAL UNIVERSITY  
KHANAPARA :: GUWAHATI-781022

No. 99/DRV/2018-19/242/05

Dated 25.07.2018

NOTICE INVITING QUOTATION

Sealed quotations are invited from reputed manufacturer /authorized dealer/ suppliers for supply of some laboratory equipment for the DBT funded twinning project entitled "Regulation of corpus luteum function by locally produced angiogenic growth factors in pigs (*Sus scrofa*)", LCVSc, AAU, North Lakhimpur-787 051. The details of the items/specification and terms & condition are available in the O/o the undersigned, Associate Dean and Principal Investigator, Lakhimpur College of Veterinary Science, AAU, North Lakhimpur-787 051 on payment of Rs. 200/ in the form of DD or IPO drawn in favour of the Comptroller, AAU, Jorhat. The last date for submission of quotations is 15 days after the publication of this NIQ in university website. The same may also be downloaded from university web site [www.vetbifg.ac.in](http://www.vetbifg.ac.in) or [www.aau.ac.in](http://www.aau.ac.in)


(A. Chakraborty)  
Director of Research (Vety.)  
AAU, Khanapara, Guwahati-781022

Memo No. 99/DRV/2018-19/242/50

Dated 25.07.2018

Copy forwarded for information and necessary action to:-

1. The Coordinator, Bioinformatics Centre, AAU, Khanapara, Guwahati-781022 with a request to post the detail advertisement in web site [www.vetbifguwahati.ernet.in](http://www.vetbifguwahati.ernet.in).
2. Notice Board, O/o the Director of Research (Vety)/Dean, FVSc, AAU, Khanapara/ Associate Dean, LCVSc, AAU, North Lakhimpur-787 051.
3. Acctt. Section, LCVSc, North Lakhimpur.
4. Office copy.

  
(A. Chakraborty)  
Director of Research (Vety.)  
AAU, Khanapara, Guwahati-781022

**Particulars and desired specifications of the equipments**

Sl. No	Name of the Instrument/Equipment	Specifications	Qty	Remarks
1.	Ice Flaking Machine	<p>Technical Specification:            Capacity of Ice Flake Production: Not less than 50 kg/day.            Storage Capacity (Kg) 10 Kg or more            Cooling Method: Air            Noise Level: ≤ 60 db            Fully Automatic Microprocessor Control            Compact Design and low maintenance            Stainless Steel Construction            Continuous Ice Flake Output, No cubes            CFC Free compressor            Overload protection and full bin cutoff sensor            Low Water level detection            Wheels for easy mobility            Suitable UPS with a capacity for 2 hour backup            The instrument should have 3 years warranty from the date of installation.</p>	1 (one)	Latest Model to be mentioned with Year/ version in quotation
2.	PCR Work Station	<p>Technical specification:            HEPA filtered and UV workstation            Sterilization by UV            Bench-top type working surface made of stainless steel suitable for nucleic acid sample processing for PCR work.            Material of Construction: Inner: Stainless steel and Outer: White polycarbonate            Vertical Lamina Air flow without recirculation            Long Life Time UV Lamp            Main filter: HEPA filter (0.2-0.3µm)            Exhaust filter: None            LED display            Flow type/rate: Vertical Laminar Flow (Only) /Exhaust(Without Filtering)            Work access should be upward sliding type with variable height adjustment.            Noise: &lt; 60db            Chamber dimensions: 600-700(w)X 500-600(D)X 900-1000(H)mm            Working area dimension: 650-680(W)X570-590(D)X600-700(H)mm            Suitable UPS with a capacity for 2 hour backup            The instrument should have 3 years warranty from the date of installation.</p>	1 (one)	Latest Model to be mentioned with Year/ version in quotation

3.	Western blot with vertical electrophoresis along with power-pack and accessories	<p>Technical specification:</p> <ul style="list-style-type: none"> <li>• Western blot apparatus for protein expression work.</li> <li>• System should be convenient for simultaneously transfer up to 4 mini sized gel or two middle sized gel. Designed for rapid semi dry transfer of proteins from polyacrylamide gel to nitro cellulose or PVDF membranes in 5-10 minute.</li> <li>• Should include tank, lid with power cables, electrode assembly, casting stand for minimum 4 gels, five 10-well combs of 1.0mm thickness, and five sets of glass plates with fixed 1.0mm spacers</li> <li>• Should be able to run 1-4 hand-cast mini gels.</li> <li>• Should require not more than 750 ml buffer for 2 gels</li> <li>• Should have casting stand with wing clamp assembly for simple and leak proof casting.</li> <li>• The gel caster should have at least 3 height adjustable screws for balancing the uneven platforms for uniform gel casting.</li> <li>• Should have the capability for up gradation from 2 gels to 4 gels in the same tank</li> <li>• Should include an interchangeable module, which can do western blotting in same buffer tank</li> <li>• Operating condition should be 0-40°C and 0-95°C humidity.</li> <li>• USB port should be there for programme transfer</li> <li>• Easy touch programme for access to pre-programmed transfer method based on the gel.</li> <li>• Pre-programmed method for low MW, Mixed range MW, High MW, Standard semi dry, 1.5 mm gel.</li> <li>• Number, gel size, molecular weight range of proteins using LCD menu touched screen and also to easily create run and save custom transfer method. Should be able to store 20 or more programmable methods.</li> <li>• A power pack for electrophoresis of the below mentioned specifications should be provide with the western blot apparatus</li> </ul> <p><b>Power Pack for Electrophoresis:</b></p> <ul style="list-style-type: none"> <li>• Should have minimum voltage output =5-320 V,</li> </ul>	1 (one)	Latest Model to be mentioned with Year/ version in quotation
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		<ul style="list-style-type: none"> <li>• Should have minimum current put = 3-405 mA</li> <li>• Should have minimum power output = 1- 75W</li> <li>• Should be able to run at constant voltage and constant current.</li> <li>• Should have automatic recovery after power failure</li> <li>• Should also have safety features like no-load detection, sudden load change detection, ground leak detection, overload/short circuit protection, over-voltage protection</li> <li>• Should have an internal fan to keep the system cool and safe</li> <li>• Should have provision for at least 3 electric plugs for simultaneous operation of more than one unit.</li> <li>• Suitable UPS of 2kVA capacity with 2 hour backup</li> <li>• The instrument should have 3 years warranty from the date of installation</li> </ul>		
4.	Nanodrop	<p>Technical specification:  Detection modes: UV-Vis absorbance, Fluorescence intensity, Luminescence  Read methods: Endpoint, kinetic, area scanning, absorbance spectral scanning.  Microplate types: &gt;5 to 380-well microplates.  Should have Linear, orbital, double-orbital shaking options.  It should also be compatible to read 1.5 to 2 <math>\mu</math>L low volume microplate accessory with more than 14- sample microspots for direct nucleic acid quantification and other applications.  Data Analysis software should be supplied with the instrument. Should be able to perform data analysis with or without readings into excel.  Light source: Xenon flash  Detector: Photodiode  Wavelength selection: Monochromator  Wavelength range: &gt;180 nm to 999 nm, in 1 nm increments  Monochromator bandwidth: <math>\leq</math> 5 nm  Dynamic range: 0 to 4.000 OD  Resolution: 0.0001 OD  Monochromator wavelength accuracy: <math>\pm</math> 2 nm  Monochromator wavelength repeatability: <math>\pm</math> 0.2 nm (standard deviation)</p>	1 (one)	Latest Model to be mentioned with Year/ version in quotation

	<p>Reading speed (kinetic): 96 wells: 10-15 seconds; 384 wells: 20-25 seconds</p> <p>Fluorescence Intensity:</p> <p>Light source: Halogen</p> <p>Detector: PMT</p> <p>Wavelength selection: Filters</p> <p>Wavelength range: 310-800 nm (low noise PMT)</p> <p>Dynamic range:&gt;6 decades</p> <p>Sensitivity: Fluorescein 2 pM</p> <p>Reading speed (kinetic): 96 wells: 20-25 secs; 384 wells: 70-80 secs</p> <p>Connectivity</p> <p>Should have USB port for computer control</p> <p>Power: External 24VDC power supply compatible with 100-240 volts AC @50-60Hz. 60W maximum consumption.</p> <p>Suitable UPS of 2kVA capacity with 2 hour backup</p> <p>The instrument should have 3 years warranty from the date of installation</p>		
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#### **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’ in a CD typed in MS word in A4 size paper** in landscape orientation (Font size 12, Times New Roman) in the prescribed format (Annexure-I), without which the quotation shall not be considered.
3. In case the tender document is downloaded from the website, the bidder shall have to deposit Rs. 100.00 in the form of Bank Draft drawn in favour of Comptroller, AAU, Jorhat and payable at Jorhat.

## INSTRUCTION TO BIDDERS

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

**QUOTATION FOR SUPPLY ----- TO THE DBT  
TWINING PROJECT ENTITLED “Regulation of corpus luteum function by locally  
produced angiogenic growth factors in pigs (*Sus scrofa*)”, DEPARTMENT OF  
VETERINARY PHYSIOLOGY AND BIOCHEMISTRY, LAKHIMPUR COLLEGE OF  
VETERINARY SCIENCE., AAU, NORTH LAKHIMPUR.**

**NIQ REF NO.....DATED....., LAST  
DATE FOR SUBMISSION.**

**To,  
The Associate Dean, Lakhimpur College of Veterinary Science, AAU, North Lakhimpur,  
Assam-787 051.**

**From: M/s \_\_\_\_\_**

**Contact No.: \_\_\_\_\_**

**Email ID: \_\_\_\_\_**

- Quotation for each Item will have to be submitted in separate envelope indicating Name of the Item, Item No. in NIQ, NIQ Ref. No. on the cover of the Envelope. In case the bidder submits multiple quotations the envelope of each item will have to be put in one large envelope mentioning the Sl. Nos. of NIQ and Bidder's Address.
- The bidder must submit a compliance statement mentioning technical specification desired and offered both as 'hard copy' and 'soft copy' typed in MS word in A4 size paper in landscape orientation (Font size 12, Times New Roman) in the prescribed format (Annexure-I), without which the quotation shall not be considered.
- Standard Technical literature preferably printed & supplied by manufacturer concerned on each of the items offered.
- Dealership certificate on the offered products in case of dealer/s.
- List of reputed organizations/Institutions, where similar orders have been executed (copies of the purchase/work orders will have to be enclosed).
- Up-to-date Sales Tax clearance certificate (*for vendors outside the State of Assam*)/VAT Registration Certificate indicating also the TIN number (*for vendors from within the State of Assam*) OF THE FIRM will have to accompany the quotation to be submitted. (According to the GST rule)

- In case the offered price is inclusive of GST, the tax components in details should be shown separately.
- Details of nature and maximum period of **warranty** offered by the Bidder/Vendor.
- After Sales Service: The name & address of the available authorized service centre nearest to College of Veterinary Science, Assam Agricultural University, Khanapara, should be stated in the quotation.
- 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.
- At the time of delivery/Instillation the supplier should put a Sticker in front 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.:**

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### **TERMS & CONDITIONS:**

(Please note the term '**both imported & indigenous**' wherever mentioned, means the term is applicable to both foreign & indigenous purchase)

1. **Rates:** Rates quoted for indigenous items must be on FOR and FOR Lahimpur College of Veterinary Science, Assam Agricultural University, North Lakhimpur-787 051 on DOOR DELIVERY Basis, with break-ups as per details below (For imported items please refer 'Additional Terms for imported goods' below).

#### **Break-ups of cost:**

2. Basic Price
3. CGST/AGST as per GST
4. (+) Freight & Insurance Charge, if any
5. (+) Installation & Commissioning Charge, if any
6. Grand Total F.O.R. Department of Animal Genetics & Breeding, College of Veterinary Science, Assam Agricultural University, Khanapara 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/ erase/ cut** in the quotation. In case of a **mismatch, the rates written in words will prevail.**

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

3. **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 Comptroller, Assam Agricultural University, Jorhat - 785013, Assam, India payable at Jorhat, will have to accompany all quotations to be submitted. Quotations submitted without appropriate amount of earnest money are likely to be rejected. **Accumulated earnest money for instruments should be shown in your forwarding letter.**

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

4. **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 at the rate 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, LCVSc., AAU, North Lakhimpur reserves the right not to accept the subject consignment.

5. **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 GST etc. (as applicable) should be clearly indicated.



6. **PRE-INSTALLATION REQUISITES** (Both imported & 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.**

7. **GENUINE PRICING** (Both imported & 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 Organizations. Copy of the latest price list for the quoted item, applicable in India, must be enclosed with your offer.

8. **EXCISE DUTY(if applicable):** The Institute is exempted from payment of Customs vide Govt. Notification No.51/96-Customs, dated 23.07.96 (as amended by Notification No. 28/2003 dtd. 01/03/2003 & Notification No. 43/2017 dtd. 30.06.2017 ) with Regn. No. TU/V/RG-CDE (500)/2017 dated 07/11/2017.

9. **TAX:** As per GST.

**10. DELIVERY:**

(a) Delivery of goods at and Lahimpur College of Veterinary Science, Assam Agricultural University, North Lakhimpur-787 051, 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 Lahimpur College of Veterinary Science, Assam Agricultural University, North Lakhimpur-787 051 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'):

Payment for Indigenous Purchases will be made after successful delivery and installation of goods at Department of Veterinary Physiology and Biochemistry, LCVSc, North Lakhimpur, 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 LCVSc, North Lakhimpur. 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 DR (VETY), 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 DR(Vety.), 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 LCVSc.
- 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 LCVSc (or takes longer period in spite of what LCVSc may authorize in writing), LCVSc., AAU may authorize in writing), LCVSc, may terminate the contract/ purchase order

in whole or in part and forfeit the EMD as applicable. In addition to above, LCVSc, may at its discretion also take the following actions:

LCVSc, 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 LCVSc, 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 DR(Vety), 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 DR(Vety), 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.

**22. Rates:** Quoted rates 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 Department of Veterinary Physiology and Biochemistry, LCVSc, will have to be maximum within 90 (ninety) 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:**

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 will not be opened unless and until Letter of Acknowledgement in original is received by the PI at LCVSc, AAU, Joyhing, North Lakhimpur 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. Customs Duty:** The Institute is generally exempted from payment of Customs Duty vide GOI Notification No.51/96-Customs, dated 23.07.96 (as amended by Notification No. 28/2003 dtd. 01/03/2003 & Notification No. 43/2017 dtd. 30.06.2017 ) with Regn. No. TU/V/RG-CDE (500)/2017 dated 07/11/2017. [CUSTOMS DUTY EXEMPTION CERTIFICATE WILL BE MADE AVAILABLE BY THE INSTITUTE IN REGARD TO QUOTES IN FOREIGN CURRENCY ONLY [ NOT AGAINST QUOTES MADE BY A FIRM IN INDIAN CURRENCY, UNLESS THE CONCERNED FIRM IS A FOREIGN HOLDING COMPANY WITH 'FDI' CERTIFICATE ISSUED BY THE MINISTRY OF FINANCE, GOVT. OF INDIA ].

**27. 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.

**28. 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 L/C.

**29. L/C Amendment:** L/C/FDD amendment charges due to mistake on the part of the supplier including delay in delivery of goods, if any, will have to be borne by the supplier.

Sd/-  
(A. Chakraborty)  
Director of Research (Vety)  
AAU, Khanapara, Guwahati-22

Annexure I  
Format for Quotation

Sl. No.	Sl. No. in NIT	Name of the Item	Desired Specifications of NIT	Offered Specifications	Quoted Unit Price*	GST	Extra charges, if any, for delivery at destination	Custom duty, if applicable	Total amount*	Other terms and conditions

\*In case of foreign currency, value in Indian Rupee at the current rate must be mentioned.

Sd/-  
(A. Chakraborty)  
Director of Research (Vety)  
AAU, Khanapara, Guwahati-22

