

**DIRECTOR OF RESEARCH (VETY.) : ASSAM AGRICULTURAL UNIVERSITY,
KHANAPARA, GUWAHATI-22**

No: 99/DRV/18-19/229/B-1...../

Dtd. 1/10/2019

NOTICE INVITING QUOTATION

Sealed quotations are invited from reputed manufacturer/ authorized dealer/suppliers for supply of some laboratory equipments for externally funded research projects under Director of Research (Vety.), AAU, Guwahati. The details of the items / specification and terms and conditions are available in the **Department of FISHERIES RESOURCE MANAGEMENT**, College of Fisheries, AAU, Raha on payment of Rs.200/ in the form of DD or IPO drawn in favour of the Comptroller,AAU, Jorhat. The quotations will be received up to 15 (FIFTEEN) days after publication of this advertisement. The same may also be downloaded from web site <http://www.vetbifguwahati.ac.in>.


Director of Research (Vety.)
Assam Agricultural University,
Khanapara, Guwahati-22

<p align="center">Title of the Project “ Scientific Conservation of Indigenous Fish”</p>		
<p align="center">Sub-Project-I Name of the project: “ Current status of ichthyofaunal diversity in Brahmaputra and Barak valley of Assam and creation of live gene bank”</p>		
Sl No.	Name of the Instrument	Specification
1	Gel Documentation System	<p>Versatile system to support wide range of applications like- Fluorescent dye like syber green, syber safe, Western blotting, 2-D, 1-D, Dot Blotting, Nucleic acid detection ,Densitometry etc.</p> <p>Should have true 12 bit CCD camera with resolution Image resolution >4 megapixels.</p> <p>Image acquisition with automatic focus and iris adjustments for all applications</p> <p>Large trans illuminator area 25 X 26 cm.</p> <p>It should universal dark hood & upgradeable to chemilumnescence.</p> <p>It should be capable of Optimizing, saving, and quickly recalling the imaging acquisition settings</p> <p>One-time installation process includes dynamic flat fielding and flat-fielding</p> <p>Safe DNA Imaging without UV exposure- using the XcitaBlue Conversion screen to prevent damage from UV and preserve samples for downstream protein production.</p> <p>Reproducibly position or center the sample on the image platen by using gel alignment templates.</p> <p>Stain free technology for faster imaging without any post gel electrophoresis staining.</p> <p>Should come with 1 D analysis software with following feature</p> <ul style="list-style-type: none"> • Automatic generation of customizable reports • Snapshot tool to copy images, lane profiles, and graphs • Complete flexibility with automatic and manual detection of lanes and bands, using several algorithms • Should have tri-plex image capture capability • Should have tri-plex image analysis features. • Easy copy/paste functionality, crop, zoom, 3D viewer, and colors. • Publishing resolution (dpi) and publishing dimension can be specified with a one-click image export for publication Provides functionality to produce image at user-defined d and dimension • No requirement for license registration • Mac and PC compatible software • 16-bit and 8-bit tiff images with a one-click export option • The Software should automatically select the appropriate filters, light sources, and camera settings for all applications. Ensures that image optimization is specific

		<p>a selected gel or blot application or can be used for a large portfolio of detection methods. Applications including: Chemiluminescent, colorimetric and multiplex fluorescent western blots, nucleic acid and protein detection via colorimetric and fluorescent stains.</p> <ul style="list-style-type: none"> • Software should have automated multi-channel image view and color-coded analysis. • Software should have Signal Accumulation Mode (SAM) for easy optimization of exposure time for chemiluminescent detection. • Mac and PC compatible software • Software should not have requirement for license registration allowing unlimited installations of the software for multiple users with full functionality. • Software should produce customizable reports with data organized as desired, including, Lane and band identification, molecular weight or base pair evaluation. Band sizing and quantification are based on a reference band or quantity standards. • Automated normalization for loading control for total protein as a loading control (without Housekeeping genes) • System should be supplied with a suitable PC & Online UPS
2	<p>UV-Vis Spectrophotometer (Double Beam)</p>	<p>~ Double beam, Czerny-Turner optical system with reference cell position ~ Xenon flash lamp ~ Dual silicon photodiode detectors ~ Wavelength Measurement Range: 190 - 1100nm ~ Wavelength Accuracy: $\pm 0.5\text{nm}$ ~ Wavelength Repeatability: $< \pm 0.2\text{nm}$ ~ Data interval when scanning: 0.1, 0.2, 0.5, 1, 2, 5 nm ~ Scan speeds: Slow, Medium & Fast - up to 1600nm/min ~ Photometric Display Range: -3A to +5A ~ Photometric Linear Range -2A to +3.5A ~ Photometric accuracy $\pm 0.002\text{A}$ at 0.5A. $\pm 0.004\text{A}$ at 1A. $\pm 0.008\text{A}$ at 2A ~ Spectral bandwidth = 2nm ~ Noise: $\leq 0.0002\text{A}$ at 0A; $\leq 0.0003\text{A}$ at 1A; $\leq 0.0004\text{A}$ at 2A @ 260nm and 500nm ~ Drift: $< 0.0005\text{A/hr}$ ~ Stray light @198nm $< 1.0\%T$; @220nm $< 0.05\%T$; 340nm $< 0.03\%T$ ~ Baseline Flatness $\pm 0.002\text{A}$ ~ Removable, washable sample compartment ~ Easy-access top-and-front sample compartment lid ~ 7 inch/17.8cm High Definition Color Touch panel display ~ 8 Position rotary changer with room light resistance</p>
3	<p>Microplate Spectrophotometer</p>	<ul style="list-style-type: none"> • A spectral scanning unit for UV-visible-NearIR wavelength ranges, with dedicated cuvette port (with no extra attachments) and should be able to read 96 & 384 microwell plate format. • Should work as a standalone system without computer

		<p>and also able to run with computer controlled software.</p> <ul style="list-style-type: none"> • Analysis Software supplied should be supplied with unlimited user license. • Should able to read end point, kinetics, spectral scanning and also kinetic spectral scan. • Instrument should have future option to read atleast 16 low volume samples of 2µl-10µl using low volume analysis plate in case of DNA/RNA purity & concentration check in directly with standalone mode. • System should able to run in stand-alone mode using 7 inch or more touch screen for quick usage. • The instrument should have a memory of 99 inbuilt protocols in stand-alone mode • Communication options : USB ports to PC , wi fi dongle and data transfer devices , 1 ethernet port • Access data via cloud based capabilities, wired or wireless network connection. • Instrument is able to provide the wavelength range from 200nm to 1000nm with 1 nm steps. • Spectral scanning speed: 10 sec from 200 to 1000 nm with 1 nm steps per sample. • Performance Specifications: Bandwidth :< 2.5 nm or better and Xenon flash lamp life should be for 10 million 96 well microplates. • The instrument should have inbuilt incubation and linear shaking options for longer kinetic assays etc. • Incubation temperature: from ambient +2⁰C to +45 ⁰C. • Spectral scanning speed 200 to 1000nm should be 10 sec . or leess. • Measurement speed should be 6 sec. for 96 well and 10 sec. for 384 well plate • The instrument should have minimum 2 USB ports, one for the easy data transfer and able to connect wi-fi dongle. • System should have Power Save function for reduced energy consumption when the instrument is 'on' but not in use. • Visualize data in both numerical mode and heat-map/virtual image of plate. • Multiple Software should have language versions: English, German, French, Spanish, Portuguese, Russian, Chinese and Japanese for multi students usage. <p>Data Analysis Software :</p> <ul style="list-style-type: none"> • Software should allow multiple absorbance /photometry steps in a single program for differentially analysis assays, including plate out option during the program to add required compounds and then continue the program for further analysis. • Allow multiple absorbance reading steps within the same program i.e. in case of two sets of reading before and after adding the compounds. • Database based software to run backups of all data, restore back up data (in case of hardware failure of original computer). • Should have area selection option, for different measuring parameters for different area in a same plate. • Spectral scanning of all 96 samples or 384 samples should be able to view in single graph plot. • Data export can be .pdf., excel ,xml and note format.
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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/Pen Drive 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. The bidder shall have to deposit Rs. 200.00 in the form of Bank Draft drawn in favour of “Comptroller, AAU, Jorhat” and payable at Jorhat.
4. The tender must be submitted by hand or mailed(Speed post/Courier) within 15 days from the release of advertisement in newspaper or website (whichever is earlier)

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:-

<p style="text-align: center;"><u>QUOTATION FOR SUPPLY OF “-----” FOR THE PROJECT -----</u> <u>DEPARTMENT OF -----, CoF., AAU,RAHA, NAGAON-782103</u></p> <p>NIQ REF NO..... DATED..... LAST DATE FOR SUBMISSION.,</p> <p>To,</p> <p>The P.I., SCOPIF, SUB-PROJECT-I Department of FISHERIES RESOURCE MANAGEMENT College of Fisheries Assam Agricultural University Raha, Nagon-782103, Assam Assam, India</p> <p>From: M/s _____</p> <p>Contact No.: _____</p> <p>Email ID: _____</p>
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2. Standard Technical literature preferably printed & supplied by manufacturer concern on each of the items offered.
3. Authorized Dealership Certificate on the offered products in case of dealer/s.
4. List of reputed organizations/Institutions, where similar orders have been executed (copies of the purchase/work orders will have to be enclosed).
5. GST No of DR (Vety), AAU, Khanapara has been granted. In respect of Tax Components both the parties will follow the norms of GST where ever it is applicable.

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 College of Fisheries, AAU, Raha, Nagon 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.:
 12. All enclosed documents should be duly self attested with seal of the supplier/dealer/ manufacturer
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TERMS & CONDITIONS:

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

1. **Rates:** Rates quoted for indigenous items must be quoted in Indian currency and FOR College of Fisheries, Assam Agricultural University, Raha, Nagaon-782 103, on DOOR DELIVERY Basis, with break-ups as per details below (For import items please refer 'Additional Terms for imported goods' below).

Break-ups of cost:

(a) Basic Price

(b). In respect of Tax components both the parties will follow the norms of GST where ever it is applicable.

(c). Grand total FOR, College of Fisheries, AAU, Raha Price.

Note: Vague terms like "packing/packaging, 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.

2. **Validity** (Both foreign & indigenous): Quoted rates must be valid for minimum 160 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. The EMD of the successful bidder awarded contract will be retained as performance security till the warranty period is over.

Refundable earnest money deposit, amounting to minimum 2.5% of the total quoted value (rounded off to the nearest thousand rupees) through Demand Draft or Fixed Deposit, drawn in favour of Comptroller, Assam Agricultural University, Jorhat- 785 013, 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.

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

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

The date of delivery for the supply order of items 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, College of Fisheries, AAU, Raha, Nagon 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 Tax as per GST (if applicable) should be clearly indicated.

6. **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.**

7. **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.

8. **EXCISE DUTY:** The Institute is exempted from payment of Customs. The DSIR certificate will be furnished when needed.

9. All taxes (if require) will be as per GST norms.

10. **DELIVERY:**

(a) Door Delivery of goods at Department of Aquatic Environment Management, College of Fisheries, AAU, Raha 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 College of Fisheries, AAU, Raha 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 Aquatic Environment Management, College of Fisheries, AAU, Raha 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 College of Fisheries, AAU, Raha. 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 FFSc., AAU, Raha, Nagaon.
- 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 FFSc., AAU, Raha, Nagon (or takes longer period in spite of what FFSc., AAU, Raha, Nagaon may authorize in writing), FFSc, AAU, Raha, Nagaon may terminate the contract/ purchase order in whole or in part and forfeit the EMD as applicable. In addition to above, FFSc, AAU, Raha, Nagaon, may at its discretion also take the following actions:

FFSc, AAU, Raha, Nagon, 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 FFSc, AAU, Raha, Nagaon, 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., Raha, Nagon 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 be maintained strictly:-**

i) MAWB No. & HAWB No. & Forwarder's Name (To Whom Release order should be issued by the negotiating bank) should immediately be 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 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 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 Fisheries Resource Management, College of Fisheries, AAU, Raha will have to be maximum within 60(sixty) days from the date of issue of the Purchase Order. The custom clearing of consignment is the responsibility of the supplier. The University authority will provide necessary documents like DSIR certificate, user's certificate etc.

(b) While transshipment will be allowed, part shipment will not be allowed.

25. **Payment:** All payment will be made by FDD only. On request by the supplier/s 100% payment can be made by FDD. 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 until and unless Letter of Acknowledgement in original is received at FFSc, AAU, Raha, Nagaon, 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 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 LoC.

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

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

