ICAR-Directorate of Coldwater Fisheries Research
Bhimtal-263 136, Distt.-Nainital (Uttarakhand)

Speed Post

F.No. 6-1(6)/2016/S&P | 1976-92

Dated: 25.08.2016
27

To,

Subject: Quotation for "Laminar Flow"- regarding.

Dear Sir(s),

This Institute intends to purchase good quality of "Laminar Flow" mentioned in ANNEXURE-I, for which you are invited to submit your most competitive quotation to DCFR, Bhimtal, Distt.-Nainital (U.K) on the provided terms & conditions indicated given in ANNEXURE-II. While submitting the quotation, TECHNICAL AND COMMERCIAL BIDS should be shown separately. The duly filled, signed and stamped Terms & Conditions (ANNEXURE-II) & Check list (ANNEXURE-III) should also be enclosed in original along with the Technical Bid. The quotation should reach to the office of the Director, Directorate of Coldwater Fisheries Research (ICAR), Bhimtal, Distt.-Nainital (U.K) on or before **23rd September 2016** positively and quotation opened on **26.09.2016 at 1100 hrs**. Quotations received after due date & time will not be considered.

We look forward to receiving your quotation and thank you for your interest in this project.

Encl: ANNEXURE-I, II &III

Yours Sincerely,

25/8/16

Office-in-Charge (Store)

Copy to:

1) The Incharge, AKMU/CPP Portal, DCFR, Bhimtal for the publication of this Institute's Website & CPP Portal.

ANNEXURE - I

Specifications for Laminar flow

Type: Class II, type A2, vertical laminar-flow biological safety cabinet

Size: 1.5 meter/ 5 feet

Material

Body	304 stainless steel with antimicrobial powder coated
Work area	Non glare stainless steel
Pre-filter	Polyester washable/disposable
Filter	Two, ULPA/HEPA filter, 99.995% efficiency at 0.1-0.3μm
Front window	Manual/motorized 5-6mm toughened tempered glass, anti UV
Noise	<65dB
Control panel	On/Off switch for fan, lighting, power outlet, pressure gauge to measure filter performance, UV lamp key switch.
Base stand	Adjustable
Average inflow velocity	100 FPM or more (0.5-0.53 m/s)
Average downflow velocity	55 FPM or more (0.3-0.37 m/s)
Exhaust air volume	428 CFM or more

Features:

A. The laminar flow should be a Type A2 cabinet in which 70% air should be re-circulated and 30% of the air should be exhausted. HEPA filter should scour 70% 0f the incoming air to protect the product and the remaining 30% of the exhausted air is filtered by a second HEPA filter.

B. Should have glare-free fluorescent lamp for illumination and ultraviolet lamp (FL 30W/254nm wavelength) (with key and timer) to sterilize and decontaminate the work zone. The fan and fluorescent lamp in the cabinet should be automatically activated when sash window is opened and the UV light is also automatically switched off during this time.

C. The cabinet should incorporate ULPA or HEPA filter of the class H14 or better and having efficiency of 99.99% at 0.1-0.3 μm particle size.

D. Should have splash proof power sockets inside to run minor equipment inside the cabinet.

P.T.O

E. Should be supplied with adjustable base stand.

F. The cabinet should be provided with microprocessor controller and large LED display for inflow and down flow air velocity and hours of operation, audible and visual alarms for HEPA filter failure and monitoring of HEPA and working pressure blower failure, airflow speed failure etc.

G. Should have one gas tap and additional connections should be available for air/vacuum and hook bar kit should be provided.

H. The item should have testing reports for cross-contamination and product protection using standard microbiological test methods.

I. The specifications provided by the firm should be reflected in the brochure.

J. The item should be NSF/ANSI 49 and EN12469 certified (NSF/ANSI 49, EN12469 Tested cabinet will not be accepted).

K. Warranty: 5 years and free AMC for 4 years or more after warranty period. The equipment should be provided with a 3 KVA voltage stabilizer.

L. Damaged/dented equipment will not be accepted.

M. The item should have Dual/ECM brushless DC motor to ensure lower energy consumption and low heat emission.

N. The IQ/OQ documents should be provided during installation.

O. Power consumption 345W/230V

P. Standard accessories: Arm rest should be provided.

Q. Service engineer should be based in UP or Uttarakhand or Delhi or near and around Uttarakhand for better service support.

R. The equipment should be installed free of cost.

Standards compliance

Cabinet performance:	NSF/ANSI 49, EN12469 and UL61010-1
Air quality	ISO 14644-1, Class 3 or 4 or 5
Filtration	IEST-RP-CC034.1/IEST-RP-CC001.3/IEST-RP-CC007.1

ANNEXURE-II

ICAR-Directorate of Coldwater Fisheries Research
Bhimtal – 263136, Distt. Nainital (Uttarakand)

F.No.6-1(6)/2016/S&P

Dated:25.08.2016

Subject : Quotation for purchasing of "Laminar Flow" – Reg.

Terms & Conditions:

1. The quantity proposed in the quotation may be increased or decreased at the discretion of the Director of this Institute while placing orders.
2. Quotation will be rejected if it is not found according to the specification.
3. If the supplied item is not as per the specification then it will be rejected and the rejected stores items shall be collected by the supplier at their own expenses from this Institute and replacement will be made at their own cost to DCFR, Bhimtal, Distt.-Nainital(Uttarakhand).
4. The quoted rates should be F.O.R, Director, DCFR, Bhimtal, Distt.-Nainital(Uttarakhand).
5. The purchaser will not pay separately for transit insurance. The supplier will be responsible for the entire stores ordered to make available in good condition at DCFR,Bhimtal (U.K)
6. The insurance charges, if any will not be paid by the purchaser. Similarly packing, freight, forwarding etc. shall not be paid extra by the purchaser, it will be the responsibility of supplier.
7. The director of this Institute reserves the right to accept or reject any or all quotation or to terminate the whole process without giving any notice at any time and is not always bound to accept the lowest quotations.
8. Sales Tax of any would be paid only in case the supplier registered under sales tax act.
9. VAT and other taxes, if any may be indicated separately.
10. All duties, taxes and other levies payable on the raw materials and components shall be included in the total price.
11. Excise duty/VAT and other taxes, if any may be indicated separately, though this institute is registered with the DSIR for exemption of excise/custom duty.
12. No EMD required if the firm registration under NSIC.
13. Samples of the articles, wherever possible may be sent along with the quotation.
14. No payment will be made in advance. But the payment will be released within 30 days through e-payment in case the amount exceeds above **Rs.25,000.00** after receiving materials in full and in good condition and their satisfactory installation at DCFR, Bhimtal as well as on submission/production of Performance Security by the Supplier. Duplicate pre-receipted bills on a revenue stamp will be submitted to this office for arranging payment. No interest will however, be payable in case of delay payments.
15. Quotation shall remain valid for a period of 180 days after the deadline date specified for submission.
16. Quotation should be submitted only in Two bid systems i.e. Technical bid and Price bid and both of the bids will be packed in separate sealed envelope.
17. While submitting the quotation, brand name with Product Literature/leaflets/catalogue etc. and certified copy of the letter of authority from the principal manufacturer should be attached with the Technical Bid in case bidder is agent/dealer of the manufactures and Manufacturing certificate should be attached if the bidder is manufacture.

P.T.O

18. Performance Security @ 5-10% of the total value of the goods shall be deposited by the successful bidder with the Bill, which will remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier including warranty obligations.
19. A guarantee/warranty for 12 months or more from the date of installation of the equipment, as the case may be, for satisfactory working of the item should invariably be given in your quotation. The provision of free servicing of the item if any and period therefore may also be specified in your quotation.
20. Cost of Annual maintenance charge for next 5 years after expiry of warranty period should be mentioned.
21. Liquidated damage @ 0.5% per week may be charged for late supply.
22. No part supply will be accepted.
23. List of reputed customers/clients to whom supply has been made during last three years should be enclosed..
24. Corrections, if any, shall be made by crossing out, initialing, dating and re-writing. Any overwriting/cutting should be got initialed by the bidder.
25. The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
26. All correspondence may be made to the Director, DCFR, Bhimtal, Nainital (U.K).
27. The quotation should be submitted either by Registered/Speed Post to the Director, DCFR, Bhimtal, Nainital or in the quotation box of this Institute directly before **1700 hours on 23rd September, 2016** positively. Unsealed or incomplete quotation or quotation received after due date and time will not be considered.
28. The date and time of opening of the bid is also **26th September, 2016 at 1100 hours**.
29. The quotation should be kept in sealed envelope. The cover/envelope should indicate **Quotation for the supply of** . (name of the equipment), **F.No.6-1(6)/2016/S&P** (mentioned in the bid invitation letter) and opening date **26th September, 2016 at 1100 Hrs.**.on the top of the right hand corner.
30. An amount of **Rs. 10,500.00** (Rupees Ten Thousand & Five Hundred only) should be enclosed by the concern firm as Bid Security with the Technical Bid during the submission of the quotation in form of TDR/FDR/Bank Guarantee from any Nationalized Bank or Demand Draft drawn from any Branch of State Bank of India only in favour of ICAR Unit-DCFR, Bhimtal, payable at SBI, Bhimtal Branch (Code-07348) only, otherwise the quotation will not be considered. The Bid security of unsuccessful bidder will be released after finalizing the contract.
32. All disputes at Nainital-Uttarakhand jurisdictions only.

Name of the Firm
Correspondence address:
Sale Tax/VAT Registration Number:
PAN/TIN Number:

Signature and Date with Rubber stamp
of the Authorized person of the firm

ANNEXURE-III

ICAR-Directorate of Coldwater Fisheries Research
Bhimtal – 263136, Distt. Nainital (Uttarakand)

F.No.6-1(6)/2016/S&P/ Dated: 25.08.2016

Subject : Quotation "Laminar Flow " – Reg.

CHECK LIST TO BE FILLED BY THE BIDDER

Sl.No.	Required documents	Documents enclosed	
		Yes	No
1.	Required EMD		
2.	Certified copy of PAN Card in favour of the firm or Proprietor		
3.	Certified copy of Sales Tax/CST/VAT clearance certificate		
4.	Copy of Registration of the firm.		
5.	i) Catalogue must be enclosed and reflected in the quotation, without catalogue quotation will not be entertained.		
6.	Status of the bidder (Individual/Partnership Firm/Company/Society/Any other)		
7.	Certified copy of the letter of authority from the principal manufacturer, if bidder is agent/dealer		
8.	Certified copy of Manufacturing Certificate, if bidder is manufacture		
9.	List of reputed customers/clients to whom supply has been made during last three years (photocopy of supply orders must be enclosed)		
10.	Guarantee/Warranty must be given 12 months		

Signature and date with Rubber stamp
Of the Authorized person of the firm