



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

Speed Post

F.No.6-2(4)/2013/S&P | 3396-3411

Dated 21.11.2016  
22

Subject : Quotation for “**Real Time PCR**” - Regarding.

Dear Sir(s),

This Institute intends to purchase good quality of “**Real Time PCR**” 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 **21<sup>st</sup> December, 2016 at 1700 Hrs.** positively and quotation opened on **23.12.2016 at 1500 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.

Yours Sincerely,

Officer-in-Charge (Stores)

Encl : ANNEXURE-I, II & III

C.C :

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

<b>Specification of Real time PCR</b>	
1.	Real time PCR capable of using 96-well plates, 8-well strip and individual tubes.
2.	The system should be able to run more than one chemistry in the same run without any calibration or optimization.
3.	The instrument must provide specialized application specific software that collects and analyzes the fluorescence data for applications of absolute quantitation, relative quantitation, allelic discrimination / SNP detection and plus/minus assays that utilize internal positive controls and high resolution melting curve.
4.	Precision: Minimum 99.5% or better
5.	System should have inbuilt touchscreen display with standalone operation without the requirement of PC or tablet
6.	Instrument must be equipped with at least 4 calibrated filters for FAM/SYBRGreen, Vic/JOE, NED/TAMRA and ROX dyes which can be detected in a single run and be able to collect data for the complete spectra for all these dyes. System should have flexible four plex detection system, easily calibrated for choice of dyes or addition of new dyes without requiring the addition of new filter sets or hardware. Selection or de-selection of passive reference during the run should be optional.
7.	Reaction volume range: 10-30 $\mu$ l
8.	Instrument must be capable of both standard (2 hour) and fast (<40 min) reactions sets and should be capable of performing gradient features for multi temperature optimization of primer sets using independent peltier blocks..
9.	Data application: Gene Expression analysis, SNP genotyping, PCR quantification with standard curve, Allelic discrimination, Multiple experiment data analysis software, absolute and relative quantification, Tm calling, Primer efficiency analysis, Melting curve analysis
10.	Maximum block Ramp Rate: 4.5 degC/sec or more.
11.	External data access & analysis device: Intel Core i7 processor, Operating system windows 7/8 professional (licensed version) 32 - bit, HDD 500 GB, RAM 4 GB
12.	Temperature Range: 4-100 deg C, Temperature Accuracy:- 0.25 deg C
13.	Thermal Cycling System: Peltier-based system
14.	Optical System:- LED/Laser
15.	HRM Software should be quoted from same manufacture
16.	Detection: - Photodiode only.
17.	Primer Designer Software license version should be supplied along with system.
18.	Company should have more than 25 number of installations base in India at Govt Research Institute / organization for the quoted model with performance certificate
19.	Warranty : Minimum One Year
20.	System should be provided with power back up minimum 2KV online UPS.



ANNEXURE-II

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

F.No.6-2(4)/2013/S&P

Dated : 21.11.2016

Subject : Quotation for purchasing of "Real Time PCR" – 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 Director, Directorate of Coldwater Fisheries Research, Bhimtal, Bhimtal, Distt.- Nainital (Uttarakhand).
4. The quoted rates should be F.O.R, Bhimtal, Distt.-Nainital (U.K).
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 Director, Directorate of Coldwater Fisheries Research, Bhimtal, Bhimtal, Distt.- Nainital (Uttarakhand).
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.10,000.00** after receiving materials in full and in good condition and their satisfactory installation at Director, Directorate of Coldwater Fisheries Research, Bhimtal, Bhimtal, Distt.- Nainital (Uttarakhand).
15. 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.
16. Quotation shall remain valid for a period of 180 days after the deadline date specified for submission.
17. 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.

18. 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.
19. 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.
20. 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.
21. Cost of Annual maintenance charge for next 5 years after expiry of warranty period should be mentioned.
22. Liquidated damage @ 0.5% per week may be charged for late supply.
23. No part supply will be accepted.
24. List of reputed customers/clients to whom supply has been made during last three years should be enclosed..
25. Corrections, if any, shall be made by crossing out, initialing, dating and re-writing. Any overwriting/cutting should be got initialed by the bidder.
26. 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.
27. All correspondence may be made to the Director, DCFR, Bhimtal, Nainital (U.K).
28. 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 21<sup>st</sup> December, 2016** positively. Unsealed or incomplete quotation or quotation received after due date and time will not be considered.
29. The date and time of opening of the bid is also **23.12.2016 at 1500 hrs.**
30. The quotation should be kept in sealed envelope. The cover/envelope should indicate **Quotation for the supply of "Real Time PCR"** (name of the equipment), **F.No.6-2(4)/2013/S&P** (mentioned in the bid invitation letter) and opening date **23 December, 2016 at 1700 Hrs.** on the top of the right hand corner.
31. An amount of **Rs. 14,000.00** (Rupees Fourteen Thousand 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:

-----  
Signature and Date with Rubber stamp



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

**ANNEXURE-III**

F.No.6-2(4)/2013/S&P/Vol.I

Dated : 21.11.2016

Subject : Quotation "Real Time PCR" – 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