
 भारतीय ICAR	E-mail: stores_cpcri@yahoo.com    Web: http://www.cpcrri.nic.in    Fax: 91-04994-232322 Off: (04994) 232893 - 95 & 232996    Grams: Research, Kasaragod	 കേരള CPCRI
	CENTRAL PLANTATION CROPS RESEARCH INSTITUTE (Indian Council of Agricultural Research) KASARAGOD 671 124, KERALA, INDIA	

F.No.29(4)XI/2009-Stores

Dated 20-11-2009

**Sub:** Quotation for supply 'RTPCR with accessories' – reg.

Sirs,

Sealed quotations are invited for supply of the following item at this Institute.

S.No.	Item	Qty
01	RTPCR with accessories	1

Detailed specifications of the above items is attached separately.

**The quotation should confirm to the following conditions:**

01. The rates quoted should be valid for a minimum period of 90 days from the due date of receipt of quotation.
02. Complete description, specification of the item(s) quoted should be given.
03. Should indicate time required or affecting the supply/installation upon receipt of supply order.
04. Should indicate the rate of ST/CST/ED/VAT/Entry Tax etc. if charged extra.
05. Should specify whether the item(s) quoted are under DGS & D rate contract. If so details of the rate contract should be furnished with the quotation.
06. Quotation should clearly indicate the point of supply such as Ex-works/FOR despatch station/ FOR destination.
07. **EARNEST MONEY @ 2%** of the quoted amount must be deposited in cash or demand draft drawn in favour of "ICAR Unit, CPCRI, Kasaragod" on SBI, Kasaragod. Deposit at Call Receipt of the State Bank of India will also be accepted as earnest money provided the receipt obtained from the bank is attached with the quotation/tender. Remittance of EMD in any other mode not acceptable.
08. **TRANSIST INSURANCE:** The purchaser will not pay separately for transit insurance and the supplier will be responsible until the entire stores contracted for arrive in good condition at destination.
09. The buyer shall have the right to levy liquidated damages at a percentage not exceeding 10% per each month or part thereof in respect of supplies so delayed and delivered.

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### DETAILED SPECIFICATION

Sl.No.	Item	Qty	Specification
1.	Real Time PCR Machine	1	<p>Integrated system designated to perform both real-time PCR (polymerase chain reaction) and post-PCR(end point) analysis.</p> <p>To analyze 48-96 samples simultaneously.</p> <p>Excitation source to be single halogen or LED. Filters should enable multiple wavelength detection.</p> <p>Should have the capability to run 2 homogeneous reaction chemistries using Taqman®, Sybr® green.</p> <p>The system to configured and optimized for use of dyes in isolation or a combination without any change in the hardware. ( FAM™ , SYBR® Green I, VIC®, JOE™, NED, TAMRA and ROX™ dyes.</p> <p>Should make comparison and distinction between 5000-10000 template copies.</p> <p>Software to collect and anylize fluorescent data absolute or relative quantitation, allelic discrimination, SNP genotyping and melt curve analysis</p> <p>The instrument utilizes a single Halogen/LED light source for excitation. Photodiodes/CCD multiple emission filter compartment, to enable multiple wavelength detection.</p> <p>Software to collect and anylize fluorescent data absolute or relative quantitation, allelic discrimination, SNP genotyping and melt curve analysis</p> <p>Automated oligonucleotide design*software to be provided.</p> <p>Instrument must have the facility to connect to the LAN with USB Port.</p> <p>Necessary consumables to perform real-time quantitative PCR and SNP genotyping, including PCR master mixes and assays, Compatible plastic consumables like plates, tubes, adhesive films etc. should be supplied. Branded laptop/computer, 2 KVA online UPS and printer should also be supplied.</p> <p><b>Branded laptop with following specifications:</b></p> <p>Intel core 2 duo processor with 2.6 GHz, 6 MB L2 cache, 1066 MHz FSB</p> <p>Operating system-Windows Vista</p> <p>Upto 4 BG DDR2 memory</p> <p>Hard drive-500GB with 5400RPM SATA drive</p> <p>Necessary port, slot and chassis.</p> <p>Laser printer</p> <p>Free hands on training to be provided on handling the equipment for the studies on molecular diversity of fungal pathogen.</p>