



भाकृअनुप-राष्ट्रीय केला अनुसंधान केंद्र
(भारतीय कृषि अनुसंधान परिषद)
थोगमलै रोड, थायनूर पोस्ट,
तिरुचिरापल्लि - ६२० १०२, तमिलनाडु

ICAR - National Research Centre for Banana
(Indian Council of Agricultural Research)
Thogamalai Road, Thayanur P.O.
Tiruchirapalli - 620 102, Tamil Nadu, India



F.No.28(1)/2016-SP/ 1262

Dated : 23.09.2016

To

Sir/s,

Quotations are invited by the Director, ICAR - NRC for Banana, Trichy, for the supply of the following items as per the specifications given below.

Sl.No.	Name of the article	Qty.Reqd.
1.	Tissue Lyser with Accessories (as per specifications furnished overleaf)	1 No.

1. Quotations should be inclusive of all charges towards packing, forwarding, Insurance, freight etc. Quotations exclusive of packing and freight charges etc. should indicate the amount that shall be charged on this account.
2. Complete descriptions, specifications and make of the goods should be given in the quotations. Necessary literature and pamphlets if any also be sent along with the quotation. Rate per unit should also be given precisely and delivery period clearly mentioned.
3. **THE FIRM SHOULD INVARIABLY QUOTE THE TIN, CST NO. ETC. ON THE BODY OF THE LETTERHEAD IN WHICH THE QUOTATION IS SENT, IF NOT QUOTATION WILL BE REJECTED.**
4. The quotation should be F.O.R. destination and should be kept open for 180 days from the date of quotations. Delivery at the Institute premises at NRCB Office Cum Laboratory Building, Near Thayanur Santhai, Thogamalai Road, Tiruchirappalli-620102/NRCB Research Farm Podavur Village, Inampuliyur Post, Via Kuzhumani, Tiruchirapalli - 639 103 (Tamil Nadu) is preferable.
5. The quotations should be addressed in the name of "**DIRECTOR, NATIONAL RESEARCH CENTRE FOR BANANA, Near Thayanur Santhai, Thayanur Post, Thogamalai Road, Tiruchirapalli - 620 102 (T.N.)**", and should reach **LATEST by 17.10.2016 (Monday) by 12.00 Noon**, in a sealed cover superscribing "**QUOTATIONS FOR THE SUPPLY OF Tissue Lyser with accessories**".

The right to accept or to reject all or any of the quotation in part or full is reserved.

NOTE : You are requested to send your quotations through "SPEED POST" only and not through "Courier service".

Yours faithfully,

D. Sathyanarayanan

Senior Administrative Officer

Copy to:-

1. Chairman (SPAC)
2. The Chairman (PMEC) - for uploading in NRCB Website.
3. The Nodal Officer (CPPP) - for uploading in CPP Portal.
4. PS to Director

Phone : 0431-2618125 | Fax : 0431-2618125

Email : director.nrcb@icar.gov.in | directornrcb@gmail.com

Skype : nrcb.director | website : www.nrcb.res.in



Tissue lyser with accessories

- The system should offer processing of a wide variety of plant tissues, which can be used to high-throughput disruption of samples to release high-quality DNA, RNA and protein for subsequent purification and analysis.
- Should offer fast simultaneous disruption of up to 48 or 192 samples in minutes through high-speed shaking with tungsten heads which heat and grind samples.
- Should be able to disrupt multiple biological samples through high-speed shaking in plastic tubes with steel tungsten carbide or glass beads.
- Should have provision for complete isolation & sealing of samples while processing so that there is no chance of cross contamination.
- Processing of up to 2x 96 samples should take as little as 2-4 minutes.
- Provision of effective disruption and homogenization using liquid nitrogen or in frozen condition
- Digital settings and control of disruption time (10 seconds – 99 minutes) and vibration frequency (3–30 Hz)
- Two sets of Steel (2 x 10 ml) adapters with compatible Tungsten Carbide Beads
- One Adapter set for disruption of up to 48 samples in 2 ml micro centrifuge tubes along with compatible Stainless Steel Beads.
- One Adapter set for disruption of up to 192 (2X96) samples in micro centrifuge tubes along with compatible Stainless Steel Beads.
- Grinding Jar Set made up of Stainless Steel along with beads
- 96-Well Bead Dispensers dispense 96 beads in parallel into Collection Microtube
- Stainless Steel Beads, 5 mm
- The Vendor should have a good service and application support back up to provide an effective application related troubleshooting and support.
- The company should supply all the startup consumables free of cost for a reasonable number of samples.
- Provide user list in India
- Two years of warranty

R. [Signature]