



# All India Coordinated Research Project On POST HARVEST ENGINEERING & TECHNOLOGY



Dr. Panjabrao Deshmukh Krishi Vidyapeeth,  
Krishi Nagar, Akola-444104 (Maharashtra)

Dr. P. A. Borkar  
Research Engineer

No.RE/PHET/859/2017

Date: 27/01/2017

## Quotation/Rate Inviting Letter

To,

**Subject: Quotation/rate inviting for laboratory instruments**

Sir,

It is requested to give your quotation for the laboratory instruments specified below. So as to reach this office on or before 10/02/2017 within office hours.

SN	Item	Specifications	Quantity	Rate
1.	Non-contact thermometer	Infra red based non contact thermometer for measuring temperature of material. Temp. range - 20 to 400°C	01	
2.	Hot air dryer	<b>Temp. Range :</b> above ambient 10...120°C. <b>Capacity :</b> 12...96 trays. <b>Operation :</b> Electric / Steam & IR heaters. <b>Construction :</b> Inner S.S304 quality, Outer M.S. or S.S. <b>Air Circulation :</b> Cross Flow Circulation. <b>Motors :</b> Single or Double as per size. <b>Safety :</b> Door Open Switch for safety of Heater & Motor.	01	
3.	Digital Refractometer	<ul style="list-style-type: none"><li>• Range 0 to 85% Brix/ 0 to 80°C (32 to 176°F)</li><li>• Resolution ±0.1% Brix / ±0.1°C (±0.1°F)</li><li>• Accuracy ± 0.2% Brix/ ±0.3°C (±0.5°F)</li><li>• Automatic Temperature Compensation between 10 and 40°C (50-140°C)</li><li>• Measurement Time Approximately 1.5 seconds</li><li>• Minimum Sample Volume 2 metric drops</li><li>• Light Source Yellow LED</li><li>• Sample Cell Stainless steel ring and flint glass prism</li><li>• Case Material ABS</li><li>• Enclosure Rating IP65</li><li>• Battery Type / Life (1) 9V / 5000 readings</li><li>• Auto-Off After 3 min.of non-use</li><li>• Dimensions 19.2(W)x10.2(D)x637(H)cm</li></ul>	01	
4.	Moisture Meter	<ul style="list-style-type: none"><li>• Automatic inbuilt temperature compensation is equipped</li><li>• "LOBAT" / "BAT" indication on display in case pencil cells are weak</li><li>• No mechanical moving parts</li><li>• No wear &amp; tear</li><li>• Maintenance free operation for long duration</li></ul>	01	



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	<ul style="list-style-type: none"> <li>• ABS Molded body for rugged suitable for use in field &amp; for longer life</li> <li>• Non-destructive sample testing</li> </ul> <p><b>Specifications:</b></p> <ul style="list-style-type: none"> <li>• Confirms to IS-8824-Part-I-1978</li> <li>• Calibrated &amp; tested as per IS</li> <li>• Power consumption: 0.03 watts approx.</li> <li>• Power requirement: Four pencil cells</li> <li>• Samples size: 250 C.C. approximately.</li> <li>• Size in mm: 125 H X 150 W X 210 D approx.</li> <li>• Weight of the meter: Less than one Kilogram</li> <li>• Measurement time: one sample per minute</li> <li>• Measuring Range : 00.0% to 40.0% Moisture</li> </ul>		
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While quoting the prices, the following instructions may please be noted carefully –

- 1) The quotation should be sent in sealed envelope.
- 2) On the envelope following should be clearly mentioned in block capital letters :
- 3) QUOTATION FOR \_\_\_\_\_
- 4) Prices or rates should be "All inclusive" (i.e. inclusive of all taxes, octroi, tariffs and expenses).
- 5) The payment of bill can only be made after satisfactory work.
- 6) Quotation received after due date will not be considered.
- 7) Conditional quotations are liable to be rejected.
- 8) The undersigned reserves full right to reject any or all the quotations without assigning any reason thereof.

Thanking you.

(P.A.Borkar)  
**Research Engineer**  
**AICRP on PHET,**  
**Dr.PDKV, Akola (MS)**