



# KARNATAKA STATE WAREHOUSING CORPORATION

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**Notification no.: KSWC/TQC/Moisture Meter/2978/2023-24**

**Dated: 17.02.2024**

## **Notification for calling quotations for supply of 25 No's Compact Digital Moisture Meter with Thermal Printer**

### **I. Specifications:**

1	Description Of Stores	Compact Digital Moisture Meter with Thermal Printer
2	Quantity	25 No's.
3	Technical Specifications	<p>Moisture Meter shall generally conform to IS No. 8824-Part-I-1978 with up to date amendments.</p> <p>Shall operate on both battery (Dry Cells) and AC Mains with indicator mechanism for weak/low battery.</p> <p>Should have calibration for Food Grains, Pulses, Oil Grains &amp; Vegetables seeds etc. with the following features:</p> <ol style="list-style-type: none"><li>1. Moisture meter body made of mild steel and test cups made of steel designed with 2x16 character alphanumeric LCD/LED Display.</li><li>2. Range 3.5 to 40%</li><li>3. Accuracy +/- 0.2%</li><li>4. Temperature compensation should be Automatic with PT-100 temperature sensor.</li><li>5. Data storage capacity should be at least 200 readings with recall facility. Data logging facilities to record data upto 200 readings, which includes moisture percentage, temperature along with date &amp; time.</li><li>6. Calibration check, error correction and auto calibration. Provision for calibration of new commodity.</li><li>7. It should have facility to print moisture percentage, Temperature and other details through printer.</li><li>8. Facility for transferring recorded data to PC.</li><li>9. Weight : 13-14Kg approx.</li><li>10. Dimension - 30cm x 18cm x 26cm (L X B X H) Approx.</li><li>11. The manufacturer shall provide all the necessary</li></ol>

		precautionary and operating instructions preferably on the meter casing along with necessary literature.
4.	<b>Specification of Moisture meter - printer</b>	<ol style="list-style-type: none"> <li>1. Printer should be compact, easily portable, alphanumeric .</li> <li>2. Per line 29 characters (Default)</li> <li>3. 96-character set ACSII</li> <li>4. Print speed 50mm per second</li> <li>5. Print width 48mm, paper width 58mm</li> <li>6. Power supply through AC Adapter</li> <li>7. Printer should be able to print the following: <ol style="list-style-type: none"> <li>a) Date</li> <li>b) Name of the commodity</li> <li>c) Moisture Percentage</li> <li>d) Temperature</li> <li>f) Depositors name.</li> </ol> </li> </ol>
5.	<b>Power Supply</b>	Shall be operating on AC main directly/with battery eliminator.
6.	<b>Guarantee</b>	The instrument shall be guaranteed at least for one year against all Manufacturing defects.
7.	<b>Packing</b>	Each instrument shall be supplied with operation manual. The equipment should be securely packed in light weight portable box/case/bag sturdy enough for daily use in the field and for repacking to avoid any loss or damage in transit. The moisture meter printer shall also be provided with good quality rexin/plastic cover and securely packed in a suitable light container.
8.	<b>Marking</b>	<p>On the Moisture meter it should be clearly and indelibly marked with the following:</p> <ol style="list-style-type: none"> <li>a. Manufacturer's name or trademark</li> <li>b. Type of Meter/Model No.</li> <li>c. Accuracy class</li> <li>d. Supply voltage and</li> <li>e. Country of manufacture.</li> </ol>
10.	<b>Price</b>	The rate shall be quoted as per unit inclusive of cost of packing, handling, insurance charges and all applicable taxes except GST for destination (KSWC).
11.	<b>Delivery</b>	<p><b>10 days from the date of issue of supply order.</b></p> <p>The entire quantity shall be delivered only after completion of pre- purchase inspection at your works and confirmation received from the RM, KSWC.</p>
12.	<b>Liquidated damages</b>	For every one DAY delay @ 0.33 % of payment will be deducted from the bill for the delay in supply after pre purchase inspection and confirmation from RO, after 15 days of delivery period.



13.	<b>Payment</b>	Full payment shall be made on receipt of material at the destination against submission of pre-receipted original bill(in duplicate) along with proof of receipt and inspection note. In case the material is found defective at destinations, the same will be replaced by you free of cost. The claim for shortages, if any, will also be settled directly by you with the insurance company for which the consignees will furnish the requisite information. The material dispatched should be insured in favour of Karnataka state warehousing corporation, against each consignment.
14.	<b>Risk Purchase</b>	In the event of failure to supply of stores as per specifications, risk purchase at short notice to you would be made without prejudice to other rights of Karnataka state warehousing corporation under the terms and conditions of the contract.
15.	<b>Arbitration</b>	In the event of any dispute arising out of supply against the supply orders, the decision of the Regional Manager, Karnataka State Warehousing Corporation, Regional Office, Bangalore which includes the reference to any Arbitration will be final and binding on both the parties.

#### **Specifications for Annual Maintenance:**

1	Warranty of required product	1 Year
2	Annual Maintenance Charges Duration (Post Warranty)	2 Year
3	Annual Maintenance Charges Frequency	Half Yearly

#### **Eligibility Criteria:**


1. Performance Certificate: The bidder shall submit Performance Certificate issued by Govt /PSU/Public company (OR) Contract order along with payment proof of atleast 20% of the bid quantity (i.e 05 No.s) in single contract in any of the last three years.
2. Experience criteria: The bidder should have regularly manufactured and supplied same or similar Category Products to any Central/State Govt. Organization/ PSU Public listed Company for 03 financial year as indicated above in the bid document before the bid opening date.
3. The manufacturing company should have in-house CNC turning and machining facility necessarily. The manufacturing licence from Govy. Organization should be necessarily older than 25 years of manufacturing of seeds/grain processing

machine/microscope/Moisture meter MSME certificate must be older than 25 years.

4. The average turnover of the company should not be less than Rs. 5.00 Crores for the last three consecutive years or average annual turnover of past three years (2019-20, 2020-21, 2021-22) should not be less than Rs. 5.00 Crores

**The interested manufacturers should submit the quotations within 07 days from the date of this notification.**

  
**MANAGING DIRECTOR**

  
17/2/24