केंद्रीय भण्डारण निगम
भारत सरकार का उपक्रम
CENTRAL WAREHOUSING CORPORATION
(A GOVT. OF INDIA UNDERTAKING)
क्षेत्रीय कार्यालय अहमदाबाद -Regional Office : Ahmedabad
जन जन के लिए भण्डारण -Warehousing for everyone

No. CWC/RO-AHD/Tech./Moisture Meter/2019-20/ Date: 20.05.2019

NOTICE INVITING QUOTATION

The Regional Manager, CWC, Regional Office Ahmedabad invited Sealed Quotations in the prescribed format (enclosed) from reputed parties for award of Annual Repairs Services & Maintenance Contract of Moisture Meter (Approx. 20 Nos.) available at Central Warehouses all over Gujarat Region.

The calibration of Moisture Meters is required to be done once in 6 months through direct Hot Air Oven Method as prescribed under IS 4333 Part II - 1967 with upto date amendment. The detail procedure of Hot Air oven method is enclosed as Annexure-II for ready reference.

The parties should forward the quotation preferably with their letter head mentioning the name, status/designation of the signatory, full address with Telephone no. /Mobile No. The Terms and conditions are enclosed with the quotation. Quotation should be submitted in the **sealed Envelope** subscribed **"Quotation for AMC of Moisture Meter due for opening on 03.06.2019"** accompanied by EMD of Rs. 2600/- in the form of Demand Draft in favour of Regional Manager, Central Warehousing Corporation payable at Ahmedabad. Successful Bidder will have to deposit Rs. 13000/- towards SD within a week. **MSMEs registered with the prescribed agencies are exempted from payment of EMD and should enclose the proof of their being registered with agencies along with affidavit as given in Annexure IV**. The EMD of unsuccessful tenderer will be refunded back in full (without any interest) within 30 days of opening of tenders / Quotations. The EMD/SD shall not carry any interest.

The Quotation shall be sent by Registered post or delivered by hand in time which shall be opened at Central Warehousing Corporation, Mahalaxmi Char Rasta, Opp. Unnati Vidyalaya, Paldi, Ahmedabad-380007 in the presence of parties who wish to be present at their own cost. The Quotations received after due date and time shall invariably be rejected.

Date & Time for acceptance of quotation: - 03.06.2019 upto 03:00 p.m.
Date & Time for opening of quotation: - 03.06.2019 at 03:30 p.m.

The Corporation shall not be responsible for late receipt/wrong delivery of the quotations. In case, the date of opening of quotation is declared a holiday, then the same will be opened on the next working day. Quotations received without EMD are liable to be rejected.

The Corporation reserves the right to accept or reject any or all the quotations without assigning any reason thereof. The Conditional quotation will not be accepted.

The details of quotation can be seen and downloaded at our website www.cewacor.nic.in.

Naveen Gautam
For Regional Manager

Encl: Annexure-I, II, III & IV.

महालक्ष्मी चार रास्ता,उन्नती विद्यालय के सामने ,पालडी ,अहमदाबाद 07-MAHALAXMI CHAR RASTA, OPP.UNNATI VIDHYALAYA,PALDI,AHMEDABAD-7Phone No.079-26582065/26580451/26581989/26576924,FAX:079-26580236 –E Mail: rmahd@cewacor.nic.in

ANNEXURE-I

Terms and conditions of the Annual Maintenance Contract (AMC) for Calibration/Repairing of Moisture Meter held with CWC, Ahmedabad Region

1. AMC would be valid for 1 year from the date of acceptance letter and it shall be extendable for another one year on the sole discretion of CWC based on the performance of the firm.
2. Calibration/repair of the moisture meters should be undertaken on receipt of work order issued from Regional Office, Ahmedabad and the Ist calibration /repairing should be completed given a schedule award letter. In case, the work is not undertaken within the aforesaid period or in case after the calibration of moisture meters the difference of more that the admissible permissible error i.e. ± 0.2% noticed or reported in the moisture meters, the firm will be penalized @ 2% of the claim of part thereof.
3. The AMC has to give one year guarantee period from the date of work done calibration/ repair of Moisture Meter and for replaced spare parts. In case of replacement/ repair of spare parts, calibration has to be carried out and issue calibration certificate. The AMC has to attend the repairs/calibration, free of cost, in case of any moisture meter goes out of order during one year guarantee period, In such case the AMC has to attend to the repairs within 3 days from the receipt of the complaint being made through mail/fax by the respective Warehouse Managers.
4. In case, the firm failed to execute the work satisfactorily or withdraws from the AMC during the Contract period, then the EMD shall be forfeited besides taking further action.
5. **All moisture meters at Central Warehouses in the Gujarat state will be pooled at CW, Ahmedabad-I and CW Baroda-I for take up calibration by hot air oven method. The repair work will be done at concerned warehouses wherever required, immediately.**
6. The bidder must mention the make and origin of the spare parts alongwith rate of spare parts as listed in Annexure-III.
7. After the calibration/repair, the firm will fix one tamper proof seal mentioning the date of calibration/repair. The calibration certificate will be issued to concerned warehouses and a copy will be sent to Regional office, CWC, Ahmedabad as well.
8. The rate quoted for calibration and spare parts should be exclusive of GST. All the bidders/ participants should submit GST registrations alongwith the quotations.
9. The contract can be terminated any time by the Regional Manager at his sole discretion.

ANNEXURE-II

Calibration of Moisture Meter by Hot Air Oven Method

1. The method is intended to serve as a standard method for checking the moisture meters, which is particularly suitable for routine determination of moisture'
2. Principle: The loss in mass of the ground test material after drying at 130 to 133"C in an oven is determined and expressed as percentage of moisture in the sample.
3. Samples of different commodities may be collected in the laboratory' wheat, Rice, Paddy, Whole Pulses, Split Pulses, oilseeds and any of the spices may be taken for these trials. The samples should be kept in a container like polythene bag, so that no absorption of moisture from the atmosphere takes Place'
4. From each sample, the required quantity (not less than 5 grams of ground sample) may be drawn for determination of moisture content in the moisture meter. Three identical samples from the composite sample of the same commodity may be drawn, ground in a grinder, transferred to petri dishes and kept in the Hot Air oven after taking weighment of the petri dishes as well as petridishes plus the ground sample'
5. The dishes may be left in the Hot Air oven for two hours reckoned from the moment when the oven temperature reaches 130'C. On expiry of this period of two hours with 130'C temperature, the electricity may be disconnected; the sample shall be removed from the Hot Air oven and shifted to desiccators for cooling. The dishes should not be kept one over the other.
6. After the samples cool down to normal temperature, the petri dishes with the sample be weighed. lt takes 30 to 45 minutes after the dishes are put into the desiccators.
7. The loss in weight will be the loss of moisture and from the data collected' the percentage of moisture in the sample be worked out as under:

1.	Weight of petri dish	= W1
2.	Wight of petri dish and sample	= W2
3.	Therefore, the weight of the sample	= W2 – W1 = W3
4.	Weight of petri dish with sample after cooling in the desiccator	= W4
5.	Therefore, the weight of the sample after heating and cooling	= W4 – W1 = W5
6.	Loss in weight = Loss of Moisture	= W3 – W5 = W6
7.	Therefore, the percentage of moisture	= W6 x 100/W3

8. Now compare the difference between the moisture content determined in the moisture meter and that determined by the Hot Air Oven method. While doing this, the average result obtained in the three identical samples of the same commodity dried in the Hot Air Oven method should be taken as the actual moisture content. If the moisture content determined in the moisture meter is 16% and that obtained by the Hot Air Oven method is 15.5%, the calibration will be done as - 0.5. Similarly, if the percentage obtained in the meter is 15% and that obtained in the Hot Air Oven is 15.3%, the correction will be + 0.3 and so on. ln other words, if the percentage of moisture is 13.5% in a moisture meter which has been calibrated as +0.3, the actual moisture content will be recorded as 13.8%.

ANNEXURE-III

Sr. No.	Description	Rate	GST @ 18%	Total
01.	Calibration Charges			
02.	Repair Charges			
03.	Scale Screw			
04.	Carrier (Handle)			
05.	Body (Universal without spare)			
06.	Complete body universal			
07.	Test Cup			
08.	Bracket			
09.	Spur gear			
10.	Spur Pinion			
11.	Ratchet handle			
12.	Wooden base			
13.	Pinion Base			
14.	Bevel Pinion			
15.	Bevel Gear			
16.	Guide Nut			
17.	Lead Screw			
18.	Insulation disc			
19.	Thrust bearing			
20.	Pressure Plate			
21.	Spur gear axle			
22.	Wooden Box			
23.	Body DMM			
24.	Plunger agro			
25.	Crank Handle agro			
26.	Volume A, B, C			
27.	Allen Key			
28.	Top Plunger			
29.	Bottom Plunger			
30.	Circular Scale			
31.	Broken Body			
32.	B. K. Handle (Test Cup)			
33.	Micro Controller			
34.	Electronic Switch			
35.	Com. PCB			
36.	Com. Meggar Box (Cat. No. 6004/6005)			
37.	PCB display			
38.	PCB Low Battery			
39.	Temperature Sensor			
40.	Battery compartment with cells			

41.	Adapter			
42.	Pointer			
43.	Buzzer			
44.	I. C. Regulator 7805			
45.	Connector Leads 12 Pins			
46.	Connector Leads 2/3 Pins			
47.	Relay			
48.	Segment I. C			
49.	Timer I. C 7555			
50.	I. C. 7660			
51.	Switching Transistor (BC 107)			
52.	Crystal 6.1444 MHz			
53.	I. C. Base			
54.	I. C. 4051			
55.	I. C. 7447			
56.	Eprom			
57.	F. N. D.			
58.	Trimpot 1M, 5K, 20K or 50K each			
59.	PCB Press Switch			
60.	Phonosocket			
61.	Thumbwheel Switch Single			
62.	FND Board			
63.	Drycells (1.5 NV)			
64.	IC Base 16 Pin			
65.	IC Base 28 Pin			
66.	IC-7135			
67.	Bell Switch			
68.	IC Base 20 Pin			
69.	Power Supply			
70.	Other Spare parts, if any			
71.	Other Spare parts, if any			
72.	Other Spare parts, if any			

I/we thoroughly examined and understand the Terms & Conditions as mentioned in the Limited Tender Inquiry vide No.CWC/RO-AHD/Tech./Moisture Meter/2019- 20/ dated 20.05.2019 and shall be abide by us.

It is also certified that the Company neither debarred nor black listed by any Government Organization.

Signature of quotationer
With full address of the firm & with rubber stamp

Telephone No: ……

CWC/RO-Ahd./Tech./Moisture Meter/2019-20/ Dated:

ANNEXURE-IV

AFFIDAVIT

To be submitted on a stamp paper (of Rs.10/- minimum) duly attested by Notary Public (duly affixed with Notarial revenue stamp; and with Notary Seal; and Notary Registration number etc.)

I,_____S/o / D/o / W/o _____Managing Director* / Director* / Partner* of M/s _____located at _____ Do hereby solemnly affirm and declare as under :-

1. The company is a Micro/Small Enterprise as per the Govt. of India definition; and has been functional at the time of bar code registration.
2. The company continues to be a Micro/Small Enterprise and functional as on date.
3. As per books of accounts, the total investment (original purchase value) in Plant and Machinery in the company as on the date of submission of bids is Rs._____which is within the limit prescribed in MSME Act.
4. i) Udyog Aadhar Memorandum (UAM) number of our company is _____

   ii) We hereby confirm that we have declared the UAM number of Central Public Procurement Portal (CPPP).

   iii) We are aware that non-declaration of UAM number on CPPP will make us ineligible to enjoy the benefits as per Public Procurement Policy for MSEs order, 2012.

Signed on_____

DEPONENT

VERIFICATION:

Verified that the contents of the affidavit are true to the best of my knowledge and belief.

Place:_____

Date: _____

Note:- * Strike out whichever is not applicable