



KERALA AGRICULTURAL UNIVERSITY
Regional Agricultural Research Station (Southern Zone)
College of Agriculture, Vellayani, Trivandrum 695 522.

No.RARS /SZ(7)/4440/15

Date:18/11/2021

E-TENDER NOTICE

E- Tenders are invited for the supply and installation of Food Colori Meter for Regional Agricultural Research Station (Southern Zone), College of Agriculture, Vellayani, as per the technical specifications and the terms and conditions below:

Specifications:

Sl. No.	Equipment	Specifications
	Food Colorimeter	<ul style="list-style-type: none">● Port - up measurement orientation for measuring solids, powders, pastes, opaque & translucent liquids.● Dual Beam Pulsed Xenon Spectrophotometer 400 to 700 nm.● Illumination -Directional Annular 45 deg and 0 deg viewing geometry for visual correlation.● Viewing area- 31.8 mm (1.2 in) port diameter & 25.4 mm (1.00 in)● Lamp life > 1million flashes● Repeatability (20 readings) of $AE^* < 0.05$ CIE $L^*a^*b^*$ on white tile. Built in Color Quality Control Package in Firmware● Illuminants : A, C, D50, D55, D65, D75, F2● Color Values in CIE, XYZ, Hunter Lab, CIE $L^*a^*b^*$, CIE Yxy, CIE $L^*c^*h^*$● Color Differences ΔE, ΔE^*, ΔE_{cmc} hue differences, yellowness index ASTM● D1925, Whiteness Index E313, Z% Brightness● Large LCD Screen● Standards Conformance: CIE 15:2004, ISO 7724/1, ASTM E 1164, DIN 5033.● Storage capacity : As standard : 250 spectral or tristimulus with Pass/fail tolerance As Sample : 2000 spectral● Quality Control Software to interface with the system

Instructions to the bidders

- Bid documents including the Bill of Quantities (BoQ) can be downloaded free of cost from the e- Government Procurement (e-GP) Website www.etenders.kerala.gov.in.
- All bid documents are to be submitted online only and in the designated cover(s)/envelope(s) on above website.

- Price Bid shall be submitted only through online.
 - Rates quoted should be valid for a minimum period of 3 months from the date of opening the e-tender.
 - Tenders not stipulating period of firmness of rates and with price variation clause and/or subject to prior sale condition are liable to be rejected.
 - The equipment should be delivered and installed at the expenses of the successful bidder.
 - Rate quoted should be inclusive of all charges such as packing, forwarding, freight, loading/unloading/handling or installation charges and Government duties leviable, if any.
 - The supplier has to make his own arrangement for the ordinary / special tools, machinery, and other consumables required for successful completion of installation and testing.

- **Payment of fee:** Tender submission fee & EMD shall be remitted online during the time of tender submission.

- **Scanned Documents to be submitted online:**

- Company Data sheets, Brochures & other documents such as relevant technical literatures, drawings, pamphlets containing all the relevant technical specifications of the equipment duly signed by the bidder on each page.
- Tender form: Each and every pages of the tender form should be attested after reading the conditions provided.
- Duly filled and signed preliminary agreement of the bid executed in Kerala stamp paper worth Rs.200/-
 - Bids received online without the scanned copy of preliminary agreement will not be considered.
- Users list of the equipment, if any.
- Copy of up-to-date GST registration certificate & PAN of the bidder
- Supporting document regarding service support
- Authorization certificate if the bidder is a dealer
- Valid EMD exemption certificate from the Store Purchase Department, Govt. of Kerala, if the firm is exempted from payment of EMD.
- Undertaking to the effect that the bidder is not Debarred/ Blacklisted or Banned from any University/ Government Institute / PSU.
- Purchase Order and performance certificate of the quoted model of Equipment from three reputed customers, preferably University/ Government Institute / PSU, if any.

- As per DSIR registration, the University is eligible for relaxation in GST as per Notification No.45/2017 Central Tax (Rate) dated 14.11.17 & Notification No.47/2017 Integrated Tax (Rate) dated 14.11.17. Necessary documents for availing GST exemption will be provided to the successful bidder.

- **Quoting of equipment:** Only the best model fitting the specification must be quoted.
 - Vendors if quoted for lower end model while the same manufacturer is having better model meeting the above tender specifications, the technical committee shall take decision to disqualify.
 - The products should be nationally / internationally branded and CE certified.
 - The bids should be sent only for equipment model available in the market and supplied to a number of customers. Tenders with market standing with proven quality and durability only will be entertained.

- **Service:** The firms or companies bidder should ensure on site service support for the equipment.
- The maximum period required for delivery and installation of the article should be mentioned.
- Availability of the spares for the entire instrument for a period of at least 10 years should be ensured.
- If any license or permit is required, Bidders must specify in their tender and also state the authority to whom application is to be made.
- Details required for e-payment (Details of bank account having core banking facility and e- mail address of the bidder) shall be furnished along with the tender.
 - Payments will be made only after the supply is actually verified and taken to stock.

- **Warranty & AMC:** The equipments should have a minimum of two year manufacturer warranty and additional three year AMC from the date of complete installation.
 - Details of warranty from manufacturer, extended warranty if any, rate for extended warranty, rate for annual maintenance cost after warranty period etc. should be mentioned in the bid document.
 - If the Supplier, having been notified, fails to rectify the defect(s) within one to two week's time, the warranty will be extended to the extent of instrument lying idle without repair.
 - All parts of the instrument, accessories, and supporting instruments should be covered under the warranty.

- Bidders not accompanied by these details will be rejected.
- Associate Director of Research, RARS (SZ), College of Agriculture, Vellayani shall have no obligation to convey reason for rejection of any bid. It shall be open for Associate Director of Research, Vellayani to reject even the lowest bidder in the interest of the University and no reason need be given thereof.
- The undersigned shall not be responsible for any failure, malfunction or breakdown of the electronic system while downloading or uploading the documents by the Bidder during the e-procurement process.
- On receipt of purchase order, the supplier shall execute an agreement in Kerala stamp paper worth Rs.200/- at own cost and furnish a Performance Security of 5% of the cost. The format of the agreement can be downloaded from the above website.

- Withdrawal from the tender after it is accepted or failure to supply within a specified time or according to specifications will entail cancellation of the order and attract legal procedures as per the agreement.
- All subsequent Government orders connected to tenders and any revision in the rates of taxes would also be applicable to this tender.
- In addition to these all other General Conditions annexed in the Store Purchase Manual of Government of Kerala are also applicable to this tender.

Tender details	
Tender inviting Authority	The Associate Director of Research, RARS(SZ), College of Agriculture, Vellayani
Location of supply and installation	Department of Post Harvest Technology, College of Agriculture, Vellayani, Thiruvananthapuram – 695 522
Date of Publication of Tender	19/11/2021 5.00 pm
Last Date and Time of Receipt of Tenders	08/12/2021 2:00 pm
Date and Time of Opening of Bid	09/12/2021 02.30 pm If the tender opening date happens to be on a holiday or non-working day due to any other valid reason, the tender opening process will be done on the next working day at same time and place.
Earnest money deposit (EMD)	1% of the quoted amount
Tender submission fee	2,100/-
Validity Period of Bid	90 days.
Period of supply and installation	Within two weeks from date of purchase order
Mode of submission of Bid	Online through the website www.etenders.kerala.gov.in only
Performance Security	5% of the quoted amount
Submission of performance security	Within 21 days from date of issue of purchase order

Further details on the tender process can be had from the office of Associate Director of Research, RARS(SZ), Vellayani during the office hours between 10.00 am and 5.00 pm. (Mob: 9633157178).



(Handwritten Signature)

SAJAN N.R.
ADMINISTRATIVE OFFICER
for Associate Director of Research