



द्वारा : स्पीड पोस्ट/हाथों – हाथ



भा. कृ. अनु. प. – केन्द्रीय शुष्क क्षेत्र अनुसंधान संस्थान  
ICAR - Central Arid Zone Research Institute  
जोधपुर (राजस्थान) 342 003 / Jodhpur (Rajasthan) 342 003  
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F. No. 57(1)/2018-2019/Admn.IV

Dated : 06.03.2019

To

M/s.....  
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Sub: Inviting Quotations for Purchase of Portable Digital Fruit Surface Colour Reader.

Dear Sir(s),

You are requested to kindly quote your lowest rates on the letter head of your firm with your all terms & condition keeping the following conditions in view, in respect of the articles as mentioned in the Schedule to Tender.

1. No advance payment will be made. However, the payment is normally made within 30 days from the date of receipt of material in good condition as per order.
2. Payment will be made by mode of e-payment to the supplier/firm after satisfactory supply of ordered material and receipt of pre-receipt.
3. The quantity proposed in the quotation may be increased or decreased at the discretion of the authority while placing the order.
4. Quotations not found according to specification will be rejected/not considered.
5. The firm should supply the printed literature, operational manual etc., if applicable. The firm should also supply a copy of the authorised dealership certificate of the item, if applicable.
6. Quotations should remain valid for 6 months from the date of quotation.
7. The rate should be on F.O.R. ICAR-CAZRI, Jodhpur basis for indigenous items.
8. The firm should indicate PAN/TIN/GST as per Govt. Rules.
9. The Rates quoted should **be clearly be indicated in figure as well as in words**. While quoting the rates, it may be clearly indicated whether the items are inclusive or exclusive of GST, Excise Duty, Custom Duty, Octroi etc. either in terms of percentage or in absolute term.
10. Delivery will have to be made normally within 30 days from the date of issue of our order or as mentioned in the supply order unless such extension is allowed by the Institute **failing which suitable penalty as indicated in the supply order will be imposed.**
11. The quotation may be sent to the office by courier/Regd. Post/Speed Post in sealed cover superscribed with **“Quotation for Purchase of Portable Digital Fruit Surface Colour Reader”** due date 15.03.2019 and the same must be reach to this Office on or before **15.03.2019 upto 3.00 PM** failing which it will not be considered. The quotation should be dropped in the Tender Box placed in the Store Section (with A.A.O. IV). The Quotation will be opened on the very same i.e. on 15.03.2019 at 3.30 PM in presence of the representative of the firm if they desire to attend.
12. In case of any disputes, the decision of the Director, CAZRI, Jodhpur shall be binding on the part of the contractor/supplier.
13. Director, CAZRI, Jodhpur reserves the right to accept or reject any or all the quotation without assigning any reason.

P.T.O.

14. All bids must be accompanied by a bid security/Earnest money deposit (EMD) @ 2% of the estimated value of the item, if the cost of the item is more than Rs. 1.00 lac in the form of a Demand Draft on a scheduled commercial bank in India, in favour of **ICAR Unit – CAZRI, Jodhpur**. Without EMD as above, quotation will not be considered (Item less than Rs. 1.00 lac need not require EMD). If the firm is registered with National small Industries Corporation (NSIC) there is no need to submit EMD (Bid Security).
15. No part supply will be allowed.
16. The items required is for the ICAR-CAZRI, Jodhpur and therefore, supply will have to be made accordingly.
17. The details of this NITs are also available in our web site-[www.cazri.res.in](http://www.cazri.res.in).

Yours faithfully,

Asstt. Administrative Officer (S)  
for Director

### Schedule to Tender

S. No.	Particulars	Qty.	Place of supply
	<b>Portable digital fruit surface color reader/ chroma meter</b> (to measure essentially surface colour value L, a and b. Colour measure of of powder, pastes, etc is desirable)		ICAR-CAZRI, Jodhpur
1.	Portable/handy (weight: less than 1 kg) Measurement Caliber: $\Phi$ 40mm/ $\phi$ 8mm/ $\phi$ 4mm Alternative Illumination Condition: CIE Recommendation : 8/d Light Source: D65 A F(CWF) Color Difference Formula: $\Delta E^*ab$ $\Delta E^*LCH$ Sensor: Photodiode array Observer: CIE 10° Standard observer Measurement Range: L: 0 to 100 Repeated Accuracy: $\Delta E < 0.06$ Table Difference: $\Delta E < 0.2$ Measurement Interval: 0.5 Sec. Storage Capacity: Type sample data : 100 groups with testing sample data: 200 groups Lifetime of Bulb: 5 years Display Screen: TFT true color 2.8inch@(16:9) Interface of External: USB2.0 (USB-B) RS-232 (115200bps) Working Temperature Range: 0 <sup>0</sup> C- 40 <sup>0</sup> C Storage Temperature Range: -20 <sup>0</sup> C - 50 <sup>0</sup> C Humidity Range: Relative humidity up to 85% Battery: Li-ion battery, 5000 times Measurement Standard Accessories like AC adapter, Li-ion battery, User Manual, Warranty card, USB data line & Color-analysis software.	01 No.	

Asstt. Administrative Officer (S)  
for Director