

UNIVERSITY OF CALICUT
(Purchase Division)

13146/PURCHASE-ASST-B2/2017/Admn (IV)

10.08.2017

TENDER NOTICE

Tender No.	13146/Purchase - Asst B2/2017/Admn Dated 07.08.2017
Name of equipment	Plant Efficiency Analyser
Department to which the Purchases is made	Department of Zoology
Quantity required	1 (one)
Last date & time of the receipt of the Tender	29.08.2017
Date & Time of opening the Tender	31.08.2017
Designation and Address of the officer to whom the Quotations are to be sent.	The Deputy Registrar, Purchase Division, University of Calicut. PIN.673 635. Phone.0494- 2407130

- Sealed competitive Tenders (in Two cover System) are invited for the purchase of ONE Plant Efficiency Analyser to the Department of Zoology
- The Tenders should reach the Deputy Registrar (Purchase) on or before 29.08.2017. The Tenders received late, will be rejected summarily.
- Rate quoted should include base price, GST and other charges if any, separately and the consolidated amount as well.
- The equipment shall be delivered within ten days after receiving the supply order.
- GST registration is mandatory for the firms participate in the tender and the copy of the GST registration Certificate should be attached with the tender documents.

The specifications and terms & conditions are as follows:-

Sealed superscribed tenders are invited for the purchase of Plant Efficiency Analyser (as per the specification noted below) **to the Department of Zoology**. The Tender form can be had from the Purchase Division or can be downloaded from the University Website. Sealed tenders with cost of tender form (0.2% of the cost of tender rounded to the nearest multiple of 100, subject to a minimum of Rs.400+GST @5%. and maximum Rs.1500+GST @5%.) and EMD @1% of the total cost of the articles tendered for subject to a minimum of Rs.1500/-) drawn in favour of the Finance Officer should be submitted to the Deputy Registrar (Purchase Division) University of Calicut.

A Performance Security equivalent to 5% of the total value of the contract rounded to the nearest rupee should be submitted by the successful bidder for a contract value above Rs.1,00,000/-. The EMD and Performance Security are returnable.

specifications

Sl No	Name of Equipment	Specification	Quantity required
1	Plant Efficiency Analyser	<p>Illumination: Red LED, 650 nm (focused ultra-bright red LED's)</p> <p>Saturating light intensity > 3000 $\mu\text{mol m}^{-2} \text{s}^{-1}$ PAR, selectable in 1% steps between 0 and 100%</p> <p>Detector: PIN photodiode and fast detection circuit protected by long-pass I.R. photographic filter (NIR-filter)</p> <p>Electronics: 100 kHz initial sampling rate (for correct F_o determination), then decreasing stepwise during measurement</p> <p>Memory: 64K CMOS EPROM containing program. 140K RAM for storage of data.</p> <p>This could be used for: 75 full data files for 1 sec record or 40 full data trace files for 120 sec or 8000 parameter only sets.</p> <p>Record Length: User selectable in 1 second steps between 1 and 120 secs.</p> <p>Battery Life: up to 8 hours dependent upon light intensity and record interval.</p> <p>Measured Parameters: F_o, F_m, T_{fm}, Area, data points for OJIP-Test</p> <p>Calculated Parameters: F_v, F_v/F_m.</p>	1

Sd/-
Shajee K
Deputy Registrar

To the System Analyst, to publish in the University Web Site