

Bidhan Chandra KrishiViswavidyalaya

Department of Fruit Science

Faculty of Horticulture

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Tender ID :2018_BCKV_203108_1

PI, RKVY, WB, is inviting e-tender from competent and *bonafide* vendors/ distributors/ dealers/agents/ manufacturers having registration of GST for supply of one **Photosynthesis Package/System** under project 'Developing a model for canopy management and training and pruning strategies of high yielding mango orchard for yield and quality improvement and export promotion' to the University, within 21 days from the date of issue of this notice as per specifications appended bellow.

i) Preparation of bids: the tender should be submitted under two bid system (i.e. technical and financial bid) with validity for a period of 3 (three) months.

ii) Technical bids will be evaluated by the Indenter and other expert members of the office and the financial bids will be opened of those bidders who qualified in technical bids.

iii) Without essential accessories tender will be considered as incomplete. Quote price of the equipment and items, including imported ones must be in **Indian Rupees** only FOR DESTINATION (up to delivery at the laboratory) and satisfactory installation and demonstration. Vendors are requested to pay Rs. 20000.00 (Twenty thousand only) as EMD as demand draft in favor of the '**Bidhan Chandra Krishi Viswavidyalaya**' payable at Kolkata. Without EMD quotations will not be considered for comparison. Scanned copy of the EMD must have to be uploaded with the technical bid. EMD exemption certificate must be uploaded, if any.

iv) All scanned copy of the supporting document in favor of claimed technical specification must have to be uploaded including authorization certificate from original manufacturer, trade license, GST registration etc. Suppliers who will fulfill the technical specification, as desired, will only be allowed to be eligible in making comparative statement of the quoted price. Authority reserves the right to issue of purchase order only fulfillment of all the criteria or reject without showing any reason.

v) Reduced rate of GST (5%) is applicable to the University. Requisite certificate will be issued by the university authority.

vi) Warranty

Warranty period minimum 3 Year or more from the date of supply. Manufacturer must have their own dedicated Service Centre available in India and details of Service Centre must be provided while submitting their Quotations

Specification of Photosynthesis Package/System

Specification :

CO₂

- Sensor : Non dispersive Infrared Gas Analyser (IRGA)
- Range : 0-2000 ppm
- Accuracy : ± 1 ppm
- Resolution : 1 ppm

H₂O

- Range : 0 to 100%
- Resolution : 1%

Temperature

- Air temperature Range : 5 to 60°C
- Resolution : 0.01°C
- Accuracy : $\pm 0.2^\circ\text{C}$ at 0°C, : $\pm 0.5^\circ\text{C}$ at 100°C
- Gas Flow : Upto 4 l/min

System should supply with all required accessories and portable data handling system (laptop/tablet)

Pallab Datta

Principal Investigator