

# BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

Department of Plant Pathology, Faculty of Agriculture  
P.O. Krishi Viswavidyalaya, Mohanpur-741252, Nadia, West Bengal

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Ref. No. BCKV/RIDF/Biocon/05

Date: 20.02.2018

Ref e-Tender ID: 2018\_BCKV\_157187\_1

## Notice Inviting E-Tender(3<sup>rd</sup> Call)

The Principal Investigator, RIDF project “**Establishment of a Center for Biological Control**, Department of Plant Pathology, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur is inviting e-tender from competent and bona-fide manufacturers, **authorized distributors/ dealers/ agents** having registration of GST for supply of following scientific equipment to University as per specifications appended against each item **within 01.03.2018**.

(i) Preparation of Bids: - The tenders should be submitted under two-bid system (i.e. Technical bid and Financial bid) with validity of **2 months**.

(ii) Submission of e-tender: - The tender shall be submitted **on line within 01.03.2018**.

(iii) Opening of the tender: - The technical bid will be opened by the Central Purchase Committee, BCKV duly constituted for this purpose and the technical bids will be evaluated by the PI & CoPIs . After scrutinizing, the financial offer/bid of technically qualified vendors will be opened.

(iv) Prices: - The prices of all the equipment and items, including imported ones, should be quoted in net per unit (including all taxes and duties, etc.). However, University will provide valid DSIR and authorization certificate to the clearing agent, if required. Quotation must include all essential accessories. Without essential accessories tender will be considered as incomplete. **Quoted price must be inclusive of extended warranty of two years beyond standard manufacturers’ warranty**. Quoted rates must be FOR DESTINATION (including packing,

insurance and delivery charges up to the laboratory at BCKV, Mohanpur) with satisfactory installation and demonstration.

(v) EMD: - Vendors are required to pay the amount of Rs. 10000/-(Rupees ten thousand) only as EMD in draft . Scanned copy of the requisite draft must be uploaded as the supporting document during submission of e-tender. **Without EMD quotations will not be considered for technical or financial comparison.** Draft must be in favour of 'Bidhan Chandra Krishi Viswavidyalaya' payable at Kalyani (IFSC: SBIN0001082). However, bidders are requested not to send th original DRAFT during tendering process. Exemption certificate for EMD must be uploaded, if any.

(vi) Supporting documents:-

(a) Bid papers should accompany authorization certificate from original manufacturer, trade license, GST registration, etc;

(b) Scanned copy (self attested) of the original supporting document in favour of the specification-claim for each item must have to be uploaded separately;

(c) User list along with certificate from reputed users also need to be uploaded for each item;

(d) Scanned copy of supporting document of assured after sales services in Eastern India and availability of spare parts need to be uploaded.

Price bid of the vendors will be compared only if technical specificity as appended against each item is fulfilled. The Viswavidyalaya authority reserves the right to accept or reject any tender without showing any reason.

### **Technical Specification for DOUBLE BEAM UV VISIBLE SPECTROPHOTOMETER**

#### **Spectrum analyser (wave length).**

Measuring of optical density converted to electrical measurement in millivolt.

Optical system : Double Beam

Monochromator : Seya – Namioka Monochromator

Wavelength range : 190 to 900 nm

Spectral bandpass : 1.5nm

Stray light : 0.05% or less (220 nm for NaCl, 340 nm for NaNO<sub>2</sub>)

Wavelength accuracy : ±0.3 nm (at 656.1, 486.0nm)

Wavelength setting repeatability : +/-0.1 nm

Photometric mode : ABS, CONC, %T

Photometric range : - 3 to 3 Abs / 0 to 300% T

Photometric accuracy : ± 0.002 Abs ( 0 to 0.5 Abs), ± 0.004 Abs (0.5 to 1.0 Abs)

(certified according to NIST SRM 930) ± 0.008 Abs (1.0 to 2.0 Abs), ± 0.3% T

Photometric repeatability : ± 0.001 Abs (0 to 0.5 Abs), ± 0.002 Abs (0.5 to 1.0 Abs), (certified according to NIST SRM 930) ± 0.004 Abs (1.0 to 2.0 Abs), ± 0.1% T

Baseline flatness :  $\pm 0.0006$  Abs (within 200 to 950 nm)  
Baseline stability : 0.0003 Abs/hr (at 500 nm, 2 hours after power on)  
Response : fast, standard, slow  
Wavelength scan speed : 10, 100, 200, 400, 800, 1200, 2400, 3600 nm/min  
Light source : Deuterium Lamp, Tungsten Iodide Lamp  
Light source changeover : Automatic switchover interlocked with wavelength.  
Sample Compartment : Beam Spacing – 100nm  
Detector : PMT  
Display : 26.4 cm (10.4 inches) colour LCD display with backlight  
Noise level :  $\pm 0.00015$  Abs (at 500 nm)  
Printer I/F : Centronics interface  
Serial I/F : RS-232C (exclusive for UV solutions program)  
Dimensions : 500(W) x 605(D) x 283(H) mm (with LCD lowered)  
GLP/GMP Complied.  
UPS 2.0 KVA (APC or equivalent with Exide battery)

### **Other conditions**

The system should be quoted with 2 years non-comprehensive AMC after expiry of standard warranty of 1 year.

List of reputed users with certificates from the users must be uploaded.

Must have post sales local service back up facilities so that problem could be attended within 48 hours (documents to be attached)

Quoted rate must be a single price inclusive of cost of instrument and accessories, packing, insurance, freight, AMC and all others to reach the instrument at destination (BCKV, Mohanpur, West Bengal) and successful installation and demonstration/training of operators. No extra cost will be permitted after sales/installation-demonstration.

**EMD: Rs 10,000/-** as demand draft in favour of BIDHAN CHANDRA KRISHI VISWAVIDYALAYA, preferably on SBI.

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