



BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

Department of Genetics & Plant Breeding

BCKV, Mohanpur, Nadia, West Bengal

BRNS-DAE "Applied mutagenesis to develop mutants possessing spineless and YVMV resistant characters in okra"

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Ref. No.: BRNS/Gel doc/eTender/1/2018

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Ref. e-Tender ID : 2018_BCKV_194780_1

NOTICE INVITING e-TENDER

The Principal Investigator, BRNS-DAE funded project "Applied mutagenesis to develop mutants possessing spineless and YVMV resistant characters in okra", under the department of Genetics & Plant Breeding, BCKV, Mohanpur, Nadia, is inviting e-tenders from reputed, competent and *bonafide* manufacturers/ distributors/ dealers/ agents/ vendors/ parties having registration of GST for supply of the following items at said department, Mohanpur, Nadia **within 15.11.2018 upto 6.00 pm** as per specifications appended below:-

Sl. No.	Item with Specification / Description	Quantity (No.)
1.	<ol style="list-style-type: none">Gel documentation system: for DNA, RNA, Protein, colorimetric gels and blots imaging. Epi White using CREE LED for protein imaging; Fully upgradeable to chemiluminescence, Software controlled fully auto focus motorized 6X zoom lensImage quality: Scientific grade monochrome CCD camera with more than 4 megapixels image resolution and having minimum Pixel size: 4.5 x 4.5 um with minimum 3.0 orders of magnitude giving publication ready images.UV view area: should be with glass surface of minimum 20x 20 cm and automatically switch off after 2 minutes. UV source having wavelength less than 260 nm transilluminator should also come with a security switch, which prevents, the user exposure to UV. Special UV quality filter glasses with long durability and optimal material properties for a high efficiency of the UV transparency; Software should have continuous background reduction capacity with just a single toolbar for image enhancement; Epoxy coated chemical resistant darkroom with software-controlled illuminations.Software: Supplied with image capture and analysis software; USB 2.0 fast interface. Should come with 1D analysis software (Hard lock licensed) with lane and band detection capacity for the analysis of even very faint bands; the Background subtraction should be with six different modes like Base line method, Minimum Profile, Rubber band, Valley to valley, rolling ball, Image rectangle for accurate calculation. Should have pdf report generator for publication purposes; Data export to MS Excel®, Star Office, pdf, power point, MS word, text, etc., Analysis software should be able to calculate	1(One)

	<p>MW, Volume, etc. with option to install software in multiple computer</p> <p>5. Others: All settings should be stored and recalled for easy operations. Unit should come with three stage fuses to protect from electrical shortage. All Illuminations should be fixed and it should not be removable. (no modular illuminations which are removable); The manufacturer should have the service facility in India; Instrument should be CE certified and Three (03) years Warranty</p> <p>6. A dedicated computer with following specification must be supplied with the system : Intel core i3 or above, at least 50 GB free hard disk space, 4 GB RAM, Three free USB slots for connecting gel documentation system to computer. Keyboard and Mouse. At least 18” LED monitor for better clarity of images. With 1 kv offline UPS for back up.</p>	
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Terms & Conditions:

- 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 6 (six) months.
- ii) Technical bids will be evaluated by the indenter and other expert members and the financial bids will be opened of those bidders who qualified in technical bids. Manufacturer certificate must be submitted with technical bid; otherwise, the technical bid will be treated as cancelled.
- iv) **In case of Foreign company’s make items** - The prices of all the equipment and items, including imported ones, should be quoted in net per unit (including all taxes and duties, etc.) and in Indian Rupees only, even if the main equipment is quoted in foreign currency (However, University will provide valid **DSIR** and authorization certificate to the clearing agent, if required). Quotation must include essential accessories of the system, otherwise it will be considered as incomplete tender. Quoted rates must be FOR DESTINATION (including packing, insurance and delivery charges up to the laboratory at department of Genetics & Plant Breeding, BCKV, Mohanpur, Nadia with satisfactory installation and demonstration. The bidders must stipulate the delivery period of the same.
- v) Reduced rate of GST (5% or as Govt. approved GST of the specific instrument) is applicable to the University.
- vi) Payment will be made after satisfactorily installation, demonstration and working performance of the items.
- vii) EMD: Rs. 20,000 (Rupees twenty thousand only) in the form of Bank Draft in favour of ‘Bidhan Chandra Krishi Viswavidyalaya’ payable at Kalyani (IFSC: SBIN0001082). Scanned copy of the demand draft must be uploaded as supporting document during submission of e-tender. Without EMD quotations /bids will not be considered for technical and financial comparison. EMD exemption certificate must be attached, if any.
- viii) The vendor should have some experience for supplying of different items to any Government / Semi Government organization.

ix) Important safety standards

The instrument must confirm to International EMC and Safety standards.

x) Warranty

Warranty period minimum 3 Year or more from the date of installation. Manufacturer may have their own dedicated Service Centre available in India, preferably in Kolkata/Kalyani or Mohanpur and details of Service Centre may be provided while submitting their Quotations

xi) General

Quotations should be submitted either by an OEM or their Authorised Distributors only. Valid Authorisation Certificate from OEM is must in case of Quotations are submitted by Distributors.

xii) Supporting documents (as applicable):

- a) Bid papers should accompany authorization certificate from original manufacturer and/or Manufacturer certificate, GST registration, Latest IT return, PAN and other statutory documents, if any.
- b) Scanned copy (self attested) of the original supporting document in favour of the specification –claim for each items must have to be uploaded separately
- c) User list along with certificate from reputed users also need to be uploaded.
- e) Price bid of the vendors will be compared only if technical specifications are fulfilled.
- f) The Viswavidyalaya reserves the right to accept or reject any tender without showing reason.

Dr. Anirban Maji
Principal Investigator