



BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

Survey Selection & Mass Production(Plant Pathology)

BCKV, Mohanpur, Nadia, West Bengal

“Wheat Pathology Laboratory upgradation”CIMMYT

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NOTICE INVITING e-TENDER

The Principal Investigator, CIMMYT funded project “Wheat Pathology Laboratory upgradation”, 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 18th March,2022, 6:00 PM**

| Sl. No. | Name of the Item | Qty. | Details Specification |
|---------|--|------|--|
| 1. | Cooling centrifuge | 1 | <ol style="list-style-type: none">1. Relative centrifugal force (rcf) > 16800 x g2. Temperature Range 0 to +40° C3. Timer: 30s to 9h, continuous4. Full digit display for ease of programming5. Should maintain constant 4° C at max. speed.6. Rotor, Rotor lid and rotor bowl must be metallic, not plastic7. Inbuilt facility to avoid off and on of the compressor during refrigeration8. Should have low noise level <50 dba9. Compressor should shut down automatically after non use of 7 to 9 hrs.10. Sample access height < 26cm11. Fixed angle rotor for 18 x 1.5/2ml tube with third party certified aerosol tight lid12. Should provide adapter for 0.2ml PCR tube13. Lid with faster locking facility i.e. ½ of a turn or better14. Should have service centre in Kolkata/Mohanpur |
| 2. | UV Transilluminator (with darkroom, camera and software) | 1 | <ol style="list-style-type: none">1. EPI White-light2. Camera with Motorized zoom lens3. One click image capture facility with Auto lighting - Auto exposure - Auto focus function4. Should have UV table with UV lamp of 312nm for field of view 20 x 20 cm or more5. Scientific grade camera with camera resolution upto to 7.6 megapixels or better6. Camera must have USB-3 interface7. 16-bit camera – 65 536 grey levels8. Camera should have motorized zoom lens with feedback9. Darkroom should be made up of Steel and stainless steel10. Wide access door with UV safety shut-off function11. Software control of the lighting12. Should have white light led panels with automatic intensity adjustment13. Software with multiple user license for image |

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| | | | <p>acquisition with full GLP compliance. Molecular weight calculation, band quantification, colony counting, distance calculation, text annotation and image enhancement, 3D Dynamic Scan</p> <p>14. Should provide white light conversion screen</p> <p>15. Should supply with computer</p> <p>16. Should have service centre in Kolkata/Mohanpur</p> |
| 3 | Gel electrophoresis | 1 | <p>Midi Horizontal Electrophoresis system</p> <p>1. A midi horizontal electrophoresis system should be able to run the gel size of 15 x 7 cm, and 15 X 10 cm. The system should be supplied with 15 X 10 gel trays with Gel tank with safety lid.</p> <p>2. The supplied gel trays should be UV proof and the trays can be directly kept on the UV Transilluminator and should have a integrated fluorescent ruler in the tray. The ruler should get illuminated on exposure to UV Light for easy and safe calculation of the band movements.</p> <p>3. Should be provided with a bubble leveler for even gel casting.</p> <p>4. The gel caster should have 3 height adjustable screws for balancing the uneven platforms for uniform gel casting.</p> <p>5. The electrodes should be color coded to remove the confusion of wrong orientation.</p> <p>6. The Lid should have a integrated cables to connect it to the power pac directly.</p> <p>Power Supply Basic-</p> <p>Programmable power supply should be capable to operate four electrophoresis units simultaneously for four identical runs with graphic LED display.</p> <p>The output range should be 10-300 V , 0.4-400 mA, 1-75 W . Constant voltage, current or Power with Automatic crossover</p> <p>Memory storage: 9 programs , 9 steps, Timer Control : 99 hr, 59 min</p> <p>Automatic Power up after Power failure, Safety features: No-load detection; sudden load change detection.</p> <p>Mini gel Specification- for 8 X 7 cm gels-</p> <p>High throughput- Capable of running up to 4 mini gel (8 X 7 Cm) simultaneously.</p> <p>Should be supplied with the capability of running two gels .</p> |

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 Technical Committee 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.

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iii) **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 F.O.R. DESTINATION (including packing, insurance and delivery charges up to the laboratory at department of AICRP WHEAT, BCKV, Mohanpur, Nadia). The bidders must stipulate the delivery period of the same.

iv) Reduced rate of GST (5% or as Govt. approved GST of the specific instrument) is applicable to the University.

v) Payment will be made after satisfactorily installation, demonstration and working performance of the items.

vi) EMD: Rs. 10,000 (Rupees ten 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.

vii) The vendor should have some experience for supplying of different items to any Government / Semi Government organization.

viii) Important safety standards

The instrument must confirm to International EMC and Safety standards.

ix) Warranty

Warranty period minimum 2 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

x) General

Quotations should be submitted either by an OEM or their Authorized Distributors only. Valid Authorization Certificate from OEM is required in case of Quotations are submitted by Distributors.

xi) 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.


Principal Investigator