



पूर्वी क्षेत्र के लिए भारतीय कृषि अनुसंधान परिषद का अनुसंधान परिसर  
**ICAR RESEARCH COMPLEX FOR EASTERN REGION**  
(भारतीय कृषि अनुसंधान परिषद INDIAN COUNCIL OF AGRICULTURAL RESEARCH)

आई.सी.ए.आर. परिसर, पोस्ट - बिहार भेटनरी कॉलेज, पटना - 800014 (बिहार), भारत  
ICAR Parisar, P/o - Bihar Veterinary Collage, Patna - 800 014 (Bihar), INDIA  
फोन सं. Phone No. (0612) 2228805, 2228882\*104, फैक्स सं. Fax No. 2223956, E-mail: aorcet@rediffmail.com

F.No.IRCER/09-10/P&S-20/Equipment/ 383

UPC  
Dated: 20.04.2009

To,

**Sub: Quotation for "supply of Image Analysis System (High Speed Computer + A3 Size printer) and Scanner for Root Length Analysis System - reg.**

Sir,

ICAR Research Complex for Eastern Region, Patna, a constituent unit of Indian Council of Agricultural Research, Ministry of Agriculture, Govt. of India, invites quotations for "**supply of Image Analysis System (High Speed Computer + A3 Size printer) and Scanner for Root Length Analysis System**" as per annexure 'A' at this institute from the reputed suppliers. Lowest rates may be quoted keeping in view of the following terms and conditions:-

1. The offered rates should reach this office on or before **08.05.2009 upto 5.00 PM** at the latest. The quotations received thereafter will not be entertained.
2. **The offer supported with under DGS&D rate contract will get priority for selection/favorable consideration.**
3. No advance payment will be made but payment is assured within 10 days from the date of receipt of material in good condition and successful installation at **Institute** /commissioning of the ordered items including demonstration and training to our concerned officials at our satisfaction.
4. The quantity proposed in the quotation might be increased or decreased at the discretion of the Director, ICAR Research Complex for Eastern Region, Patna, while placing the order.
5. Offers should be supported by manufacturer's printed price list, wherever applicable.
6. Detailed specifications, make, guarantee period and leaflet/catalogue should be sent along with the quotation.
7. The rates should be quoted for **F.O.R., ICAR Research Complex for Eastern Region, Patna basis** and inclusive of all charges such as Packing, Forwarding expenses, Freight, Insurance Charges, E.D., Sales Tax etc.

Contd./02

8. The item/equipment may be dispatch through Railway Cargo or by Road Transport, but kindly note the Institute will **not be responsible to arrange any Road Permit**, if required.
9. The **supply/installation** will have to be completed **within 30 days** from the date of receipt of this office supply order. In the case of failure to execute the supply within stipulated period, **penalty will be charges @ 0.25% per week**.
9. **Earnest Money Deposit @ 5,000/-** is to be deposited in the shape of Demand Draft drawn in favour of "ICAR Unit: ICAR-RCER, Patna" alongwith quotation, which will adjusted against security deposit or otherwise refunded. Quotations without EMD are liable to be rejected.
10. **Security Deposit @ 5%** of the cost of the article value is to be deposited in the shape of Demand Draft drawn in favour of "ICAR Unit: ICAR-RCER, Patna" within 10 days from the date of issuing the supply order, which will be refunded after satisfactory completion of warranty period / 01 year.
11. Tendering firm will be required to indicate their valid Income Tax /PAN No., Sale Tax/VAT numbers, and to **submit their authorization of the manufacturer**.
12. Conditional tenders are liable to be rejected summarily.
13. Kindly note lowest offer should not be mandatory to accept on the part of this Institute.
14. The Director, ICAR Research Complex for Eastern Region, Patna reserves the right to accept or reject any of the quotations without assigning any reasons thereof.

The quotations should be addressed to the **Administrative officer, ICAR Research Complex for Eastern Region, ICAR Parisar, P.O.: Bihar Veterinary Collage, Patna - 800 014 (Bihar)** in a sealed cover superscribed "Quotation for supply of Image Analysis System (High Speed Computer + A3 Size printer) and Scanner for Root Length Analysis System".

Yours faithfully,



Administrative Officer

**Copy to:-**

- 1) Dr. D. K. Karshol, Chairman I.P.C.
- 2) FAO, ICAR-RCER, Patna.
- 3) Dr. R.C. Bharti, I/c ARIS Cell - please download at Institute web site upto last date of quotation.
- 4) Notice Board.

**Rates required for supply of following items at ICAR-RCER, Patna**

<b>I. Image analysis System (High Speed Computer + A3 Size printer - 1 set):-</b>		
Base System	Intel(R) Core(TM)2 Quad Processor Q9550 (2.83 GHz, 12MB L2 Cache, 1333MHz FSB)	1
Operating System	Pre-Loaded Genuine Windows Vista(R) Home Premium OEM Version, Genuine Windows Vista(TM) Premium label 64 bit, Genuine Windows Vista(R) Home Premium 64 bit, SPI (English/Hindi) DVD Media, Added performance for entertainment and movie making, Features the new 3D Aero Graphics interface. Includes Windows Media Centre, Functionality, Movie Maker, advanced photo feature and DVD authoring, 2GB + RAM, PC-Restore, Vista(TM) Welcome.	1
Monitor	UltraSharp(TM) 19" Widescreen Flat Panel LCD Monitor (Analog & DVI)	1
Memory	4GB (4x1GB) NECC Dual Channel DDR2 800MHz SDRAM Memory	1
Hard Drive	250GB SATA 3.0Gb/s Hard Drive with Native Command Queuing	1
Additional Hard Drive	250GB SATA 3.0GB/s Additional Hard Drive with Native command Queuing, 2nd HDD Screws, 2nd HDD SATA Cable	1
Optical Drives	Dual Drives 16X Max DVD-ROM + 16X DVD+/-RW with Dual Layer Write Capabilities, Roxio Creator v9.0 Software, 16X DVD+/-RW with Dual Layer Write Capabilities, 16X Max DVD-ROM Drive	1
Video Card	512MB PCIe(TM) X 16 NVIDIA (R) GeForce(R) 8800 GT w/TV -Out & Dual DVI	1
Sound Card	Integrated 7.1 Audio	
IEEE 1394 Firewire	Dell(TM) IEEE Firewire 1394 PCI Card, 1394 CABLE	1
Hardware Support Services:	3Yr ProSupport for End Users: NBD Onsite Service	1
Installation Services:	System Installation	1
Installation, Education and More	3Yr. Complete Cover	1
Keyboard	USB Enhanced Multimedia Keyboard with built-in 2-port USB Hub	1
Mouse	Premium Optical Mouse, Mouse Mat	1
Software	Microsoft(R) Works 9.0, Word Processor/Spreadsheet/Database/ Calendar/Power point viewer/Email Tools.	1
Security Software	McAfee® Security Center™ - 15 Months OEM	1
Items should be Included in the System	Adobe reader (English):- Shipping Documentations DVD Media Kit	1 1 1
	Integrated Gigabit Ethernet	1
	Energy Smart Setting for Desktop	1
	Network Assistance	1
Colour laser Printer:	<ul style="list-style-type: none"> <li>Maximum Resolution (dpi): Horizontal (1200) &amp; Vertical (600).</li> <li>Print Speed: First copy out time (11 Sec), Black text (41 ppm), Black graphic (41 ppm), Colour text (41 ppm), Colour graphic (41 ppm).</li> <li>Print Direction: For text (Bia directional)</li> <li>Media Handling: Input (1100 plain paper), Maximum paper size (A3), Maximum No. of sheets (output) – 500, Manul feed facility, Duty cycle (pages/mith) – 150,000 to 200,000.</li> <li>Connectivity: USB / Parallel Port.</li> <li>Memory /Buffer: Built in RAM (512 MB), Built in RAM Upgradeable (1024 MB).</li> <li>Environment Temp. – 15–30 (Deg. °C).</li> <li>Relative Humidity – 10-85%.</li> <li>Power Requirement: Voltage (Volts) – 220-240, Frequency (Hz) – 50-60, Power Consumption per Hr. (watts) – 1195, Power consumption (stand by) (watts) – 18-8,</li> <li>Compatible operating system: Microsoft Windows XP (32 bit and 64 bit), 2000 (32 bit &amp; 64 bit) and Windows Vista (32 bit and 64 bit).</li> </ul>	1 set

<p>2. <b>Scanner for Root Length Analysis System</b></p>	<p>Scan type: Flatbed, ADF with Color scanning, Auto Red-eye Removal, Image Restoration, Photo Brightening feature with Built-in transparent materials adapter. Automatic Document Feeder (ADF) with Letter, legal, A4, A5, custom paper sizes supported, ADF capacity: 50 sheets (20 lb, 75 g/m<sup>2</sup>) with Duplex ADF scanning. Media weight: 13 lb minimum (50 g/m<sup>2</sup>), 32 lb maximum (120 g/m<sup>2</sup>). Scan speed: Up to 15 ppm/6 ipm (using HP Scanning Software). Scan size 8.5 x 14 in with Multifeed detection of length, Twain compatible. Scan resolution Hardware: up to 2400 x 2400 dpi (on flatbed), Up to 600 x 600 dpi (on ADF), Optical: Up to 2400 dpi, Enhanced: Up to 19,200 dpi or more, Output resolution dpi setting 75, 100, 150, 200, 300, 400, 600, 1200, 2400. Bit depth/Grayscale levels 48-bit, 65536 Grayscale levels. Enlargement range: 12 to 2400% in 1% increments. Photographic format types: 35 mm film strips, mounted slides, photos up to 8.5 x 11.7 in (216 x 297 mm). Scan file formats: PDF, searchable PDF, JPG, BMP, TIFF, compressed TIFF, JPEG, TXT, HTML, RTF, FPX, PNG, PCX. Standard connectivity: Hi-Speed USB 2.0. Display: 2-line LCD. Control panel: 5 front-panel buttons (Cancel, Copy, Power, Scan, Setup), navigation and selection buttons (Up arrow, Down arrow, Back, Ok). Media types: Paper, bulk objects and 3-D objects. Software included for Windows: EMC ISIS/TWAIN drivers, PaperPort, Readiris, Pro, Presto! BizCard. Compatible with Operating system: Windows 2000, Windows XP Home, Windows XP Professional, Windows XP Professional x 64, Windows Vista®, Windows Vista® x 64 or higher. Accessories: USB cable, power cord, paper cleaning cloth, IRIS registration flyer, Getting started guide, CD-ROM(s) with software for Windows. Warranty: 01 Year limited hardware warranty or more with phone and web support.</p>	<p>1 set</p>
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