



**উত্তরবঙ্গ কৃষি বিশ্ববিদ্যালয়**  
পুণ্ডিবাড়ী, কোচবিহার, পশ্চিমবঙ্গ-৭৩৬১৬৫  
**UTTAR BANGA KRISHI VISWAVIDYALAYA**  
P.O. PUNDIBARI, DIST. COOCH BEHAR, WEST BENGAL- 736165

ডঃশুভেন্দু বন্দ্যোপাধ্যায়  
*নিয়ামক (ভারপ্রাপ্ত)*  
Dr. Subhendu Bandyopadhyay  
Registrar (Acting)

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Tender Ref. No. UBKV/Est. (T&P-02)/09 /2018-19

Date: 27/06/2018

**Notice Inviting Tender**

Sealed quotations are invited under two bid systems viz, Part-I Technical Bid and Part-II Financial Bid from reputed manufacturers, supply agencies for supplying of various types of **Equipments/Instruments** as per attached list.

**Tender Schedule:**

- Last date of submission of Quotations: 12/07/2018
- Opening date of Technical Bids: Would be available in University website after last date of submission.

➤ **Terms & Conditions:**

1. Quotations to be submitted with a forwarding letter addressed to The Registrar, UBKV, Pundibari, Cooch Behar.
2. Covers of quotations to be dropped in Specific Tender Box kept in Receipt and Dispatch Section in Registrar Office. UBKV, Pundibari, Cooch Behar.
3. **The Technical Bid shall comprises of Self attested Photocopy of the following documents:-**
  - i. Valid Trade License
  - ii. PAN Card,
  - iii. Registration Certificate of GST with a copy of last return
  - iv. Dealership / Manufacturing / SSI Certificate
  - v. ISO Certificate(if any)
  - vi. Credentiaity /User list with photographs
  - vii. Full Specification of items with **HSN Code**
4. **The Financial Bid comprises of rate of items per unit including other applicable taxes, incidental charges, extent of discount (as applicable). Present applicable Percentage of GST and HSN Code must be mentioned.**
5. The Technical Bid and Financial Bid must be submitted in two separate sealed envelopes with broad heading mentioning the name of the Item and Tender number on the top of the envelopes. The sealed envelope of Technical Bid and Financial Bid shall be submitted in a large sealed cover and further mentioning the name of the Item and Tender number on the Top of the Envelope and to be addressed to the Registrar UBKV, Pundibari, Cooch Behar.
6. The materials must be delivered at site (**F.O.R. destination**) by the Supplier at their own cost and responsibility.
7. The University reserves the right to accept or reject any or all quotations without giving any reason whatsoever.

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Encl: List of requirements.

**ANNEXURE: - A**

<b>Sl. No</b>	<b>ITEM DESCRIPTION</b>	<b>QTY</b>	<b>MODE OF TENDER SUBMISSION</b>	<b>DETAILED SPECIFICATION</b>
1	Side by Side Door/ Door-in-Door Refrigerator	2	Offline	ANNEXURE-I
2	Double Door Refrigerator	3	Offline	ANNEXURE-II
3	AC Machine -1.5Ton along with 3KVA Voltage Stabilizer ( 130-280V)	12	Offline	ANNEXURE-III
4	Automatic Media Dispenser	1	Offline	ANNEXURE-IV
5	Glass Bead Sterilizer	1	Offline	ANNEXURE-V
6	Computer with UPS & Printer cum Scanner	4	Offline	ANNEXURE-VI
7	Tissue Culture Castor racks (4 culture shelves complete with fluorescent light fittings) with photoperiod and timer controller	6	Offline	ANNEXURE-VII

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**ANNEXURE: I**

**SPECIFICATION FOR SUPPLY &INSTALLATION OFSIDE BY SIDE DOOR/ DOOR-IN-DOOR REFRIGERATOR– QTY :2 NOS.**

Name of Equipment	Specifications
<b>Side by Side Door/ Door-in-Door Refrigerator</b>	<ul style="list-style-type: none"><li>• Storage capacity: 700-1000 liters</li><li>• Temperature range: 0°C to -20°C</li><li>• Inverter linear compressor, Multi Air Flow Cooling, Multi Digital Sensors, , Hygiene fresh plus, Smart Diagnosis System (with Digital Display and Sensor)</li><li>• Heavy duty wheels</li><li>• Water &amp; Ice Dispenser &amp; Automatic Ice Maker (optional)</li><li>• UPS/Stabilizer as required for functioning of the equipment</li><li>• Warranty :10-year warranty on the compressor</li><li>• <b>Preferred Make/Model :LG GR J31FWCHL / LG GR-B24FWSHL/ Samsung RF28K9380SG</b></li></ul>

**ANNEXURE: II**

**SPECIFICATION FOR SUPPLY &INSTALLATION OF DOUBLE DOOR REFRIGERATOR– QTY : 3NOS.**

Name of Equipment	Specifications
<b>Double Door Refrigerator</b>	<ul style="list-style-type: none"><li>• <b>Capacity</b> : 261 Liters</li><li>• <b>Door type</b> : Double Door</li><li>• <b>Defrosting System</b> : Frost Free</li><li>• <b>Cooling Technology</b> : Stay Cool</li><li>• <b>Star Rating</b> : 3 Star</li><li>• <b>Features</b> :Anti-B Technology, Cool Shower Technology, Easy store and serve bins, Intelligent Operations, Low Starting Voltage, Quick Freeze, Soft Freeze Technology</li><li>• <b>Warranty</b> : 10 years warranty on compressor</li><li>• <b>Colour</b> : Silver/Black/Cherry Red</li><li>• <b>Preferred Make/Model : Godrej – RT EON 261P3.4 / Samsung- RT28M3923</b></li></ul>

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**ANNEXURE: III**

**SPECIFICATION FOR SUPPLY & INSTALLATION OF AC MACHINE -1.5TON ALONG WITH 3KVA VOLTAGE STABILIZER ( 130-280V) – QTY : 12 NOS.**

Name of Equipment	Specifications
<p><b>AC Machine -1.5ton Along With 3KVA Voltage Stabilizer ( 130- 280V)</b></p> <p><b>Preferred Make/Model:</b></p> <p><b>Blue star 3HW18AATU</b></p> <p><b>Or Equivalent of Carrier</b></p>	<p><b>Capacity</b> : 1.5 Ton</p> <p><b>Rating</b> : 3 star Inverter</p> <p><b>AC Type</b> : Split</p> <p><b>Noise Level Indoor</b> : ≤ 65 DB</p> <p><b>Remote Control</b> : Yes</p> <p><b>Warranty</b> : 1 Year or above</p> <p><b>Installation</b> : Yes</p> <p><b>Stabilizer</b> : 3KVA Wall Mounted (130-280V)</p> <p><b>Features</b> : Copper pipe , Anti Dust, Auto Restart, Auto Swing, Easily Removable Panel, Energy Saver, Fresh Air Ventilation, Inner Groove, Large Led Display, Memory Function, LCD Remote, Self Diagnosis , Sleep Mode, Timer, Turbo Mode</p>

**ANNEXURE: IV**

**SPECIFICATION FOR SUPPLY & INSTALLATION OF AUTOMATIC MEDIA DISPENSER – QTY : 1NO.**

Name of Equipment	Specifications																		
Automatic Media Dispenser	<ul style="list-style-type: none"> <li>Digital Bottle-top burette type</li> <li>Ultra-high precision,</li> <li>Replaceable piston/cylinder assembly</li> <li>Optional PC interface</li> <li>Separate buttons for On/Off and Pause &amp; CLEAR button allows user to reset the display and select functions.</li> <li>Easy-grip hand wheel action and smooth precision gears for fast or drop-wise titration</li> </ul> <table border="1"> <thead> <tr> <th>Capacity</th> <th>A (%)</th> <th>A (µl)</th> <th>CV (%)</th> <th>CV (µl)</th> <th>version</th> </tr> </thead> <tbody> <tr> <td>ml</td> <td>≤± %</td> <td>≤± µl</td> <td>≤ %</td> <td>≤ µl</td> <td></td> </tr> <tr> <td><b>50</b></td> <td><b>0,07</b></td> <td><b>18</b></td> <td><b>0,025</b></td> <td><b>6</b></td> <td><b>Standard</b></td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>Should be supplied with telescoping filling tube (170 - 330 mm), recirculation tube, 2 AAA batteries 3 PP bottle adapters , 2 amber coloured light shield inspection windows , RS 232 interface: 2 m interface cable (Sub-D plug connector, 9-pin), one CD (driver software and open RS232 communication protocol &amp; operational manual.</li> <li>Warranty : 1 Year</li> <li><b>Preferred Brand /Model : BRAND® -Titrette® or Equivalent</b></li> </ul>	Capacity	A (%)	A (µl)	CV (%)	CV (µl)	version	ml	≤± %	≤± µl	≤ %	≤ µl		<b>50</b>	<b>0,07</b>	<b>18</b>	<b>0,025</b>	<b>6</b>	<b>Standard</b>
Capacity	A (%)	A (µl)	CV (%)	CV (µl)	version														
ml	≤± %	≤± µl	≤ %	≤ µl															
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**ANNEXURE: V**

**SPECIFICATION FOR SUPPLY & INSTALLATION OF GLASS BEAD STERILIZER – QTY: 2NOS.**

Name of Equipment	Specifications
<b>Glass Bead Sterilizer</b>  <b>Preferred Make/Model :</b> <b>Any Good Make</b>	<b>Operating Temperature</b> : 250°C <b>Sterilization Time</b> : 5 to 15 seconds <b>Initial Stabilization Time</b> : 30 Minutes <b>Outer Case</b> : Rust proof steel / aluminum <b>Bead Well</b> : Rust proof nickel steel <b>Display</b> : LED <b>Power Supply</b> : 220 Volts <b>Warranty</b> : 2 Years

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**ANNEXURE: VI**

**SPECIFICATION FOR SUPPLY & INSTALLATION OF COMPUTER WITH UPS & PRINTER CUM SCANNER**

**- QTY : 4NOS.**

Name of Equipment	Specifications	
<p><b>Computer with UPS &amp; Printer cum Scanner</b></p> <p><b>Preferred Brand/Model:</b></p> <p><b>HP 280G2 or G3 /Dell Optiplex 3046 MT / Equivalent of Lenovo</b></p> <p><b>With APC 600VA UPS</b></p> <p><b>&amp;</b></p> <p><b>HP M1136 Pro Laser Printer cum Scanner</b></p>	Processor :	Intel® 6th /7 <sup>th</sup> Generation i3- 6100 /7100 CPU with 3.7 GHz speed and 3 MB Cache or better
	Chipset	Chipset compatible with the processor / H110
	Monitor	18.5 " LED
	Memory	4 GB DDR 4 RAM expandable to 32GB
	Hard Disk Drive	1TB HDD, 7200 RPM
	Optical Drive	DVD Writer
	Graphics	HD Intel Integrated Graphics
	Audio	High Definition Integrated Audio with Internal Speaker
	Ethernet	Integrated Gigabit (10/100/1000 NIC) LAN, WI-FI LAN 802.11b/g/n , Bluetooth Card
	Slots	1 x PCIe16, 1xPCIe1, 1xPCI
	Bays	(2) 3.5" Internal drive bays (1) ODD bay
	Ports	Rear I/O (4) USB 2.0 ports, (4) USB 3.0 Ports (1) VGA video port; (1) Display Port/DVI-D/HDMI Port (1) RJ-45 network connector (2) RS-232 serial port(1) Parallel Port 3.5mm audio in/out jacks PS/2 keyboard and mouse ports Front I/O (2) 2 nos USB 2.0 ports 3.5mm headphone/microphone combo jack
	Power Supply	180- 300W (100V-240V) Active PFC power supply with 85% efficiency
	Keyboard/Mouse	USB Keyboard and Optical Mouse
	Operating System	Genuine Microsoft Windows 10 Professional
	Diagnostic Tool	BIOS Diagnostics
Warranty	3 Years	
UPS	APC BX600C-IN 600VA, 230V Back UPS	
All In One Laser Printer Cum Scanner	LaserJet Pro M1136 MFP or Equivalent Warranty : 1 Year	

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**ANNEXURE: VII**

**Tissue Culture Castor racks (4 culture shelves complete with fluorescent light fittings) with photoperiod and timer controller – QTY: 6 Nos.**

Tissue Culture Castor racks (4 culture shelves complete with fluorescent light fittings) with photoperiod and timer controller [6]	<p><b>Size of Racks:</b> Height of rack 152 cm (5'). Width 127cm (4'.2")</p> <p><b>Shelve dimension:</b> 122 × 45 cm (50"×18")</p> <p><b>Shelf to shelf distance:</b> 35 cm (15")</p> <p><b>Shelf Color:</b> Square M.S. pipe white shade powder coating finish with anti-corrosive and humidity resistant.</p> <p><b>Shelf Material:</b> 3mm Hylem sheet.</p> <p><b>Shelves with side holder rods:</b> Illuminated shelves in one rack are: <b>04nos.</b></p> <p><b>Total no. of Shelves</b> (including top) in one rack: <b>05 nos.</b></p> <p><b>Fluorescent Tube lights:</b> Four 40W tube lights (Philips/Osram) in each rack, with 2 nos. of electronic ballast chokes; one is for operating two tubes. Total no. of tube lights in one rack: <b>16 nos.</b> with electronic ballasts = <b>8 nos.</b></p> <ul style="list-style-type: none"><li>▪ One mains switch for each castor rack.</li><li>▪ One separate switch is provided for every 2 tubes.</li><li>▪ One fuse for one rack.</li><li>▪ Four castor wheels in a rack for easy movability.</li></ul> <p><b>Warranty: Two years</b></p> <p><b>Preferred Make/Brand:</b> Saveer Biotech Ltd. or any reputed concern with ISO 9001: 2008 certification and having experience of at least 2-3 nos of similar work every year.</p>
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