



**IAN CHANDRA KRISHI VISWA VIDYALAYA**  
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Department of Post Harvest Engineering  
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**E-Tender ID: 2018\_BCKV\_193695\_1**

**NOTICE INVITING e-TENDER**

Principal Investigator of the Project entitled “Assessing the potential impact of climate change and management of soil carbon and nitrogen storage in selected ecosystems of India” under ICAR-NASF is inviting e-tenders from competent and *bonafide* vendors/ parties/ distributors/ dealers/agents/ manufacturers having registration of GST for supply of the following item to the Directorate of Research Building, Kalyani, Nadia, 741235 **within 12.11.2018 up to 6.00 pm** as per specifications appended bellow.

**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 of the office and the financial bids will be opened of those bidders who qualified in technical bids.
- iii) In case of Indian items - The price of items should be quoted in INR & net per unit (including taxes and duties, etc). The bidders must stipulate the delivery period of the same.
- iv) In case of imported 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.). However, University will provide valid DSIR and authorization certificate to the clearing agent, if required. Quotation must include essential accessories like, gas cylinder, regulator, computer, etc. (as mentioned for each equipment) from branded company, in Indian Rupees only, even if the main equipment is quoted in foreign currency. Without essential accessories tender will be considered as incomplete. Quoted rates must be FOR DESTINATION (including packing, insurance and delivery charges up to the laboratory at Directorate of Research Building, Kalyani, Nadia, 741235) with satisfactory installation and demonstration. The bidders must stipulate the delivery period of the same.

v) Reduced rate of GST (5%) is applicable to the University. Requisite certificate will be issued by the university authority.

vi) Payment will be made after satisfactory performance of the items.

vii) EMD: Rs. 20,000 (Rupees twenty thousand only) in the form of Bank Draft / Bankers Cheque 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. Draft must be in favour of 'Bidhan Chandra Krishi Viswavidyalaya' payable at Kalyani (IFSC: SBIN0001082). 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 conform to International EMC and Safety standards.

**x) Warranty**

Warranty period minimum 3 Year or more from the date of supply. Manufacturer must have their own dedicated Service Centre available in India and details of Service Centre must 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, 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 specificity as appended against the item is fulfilled.

f) The Viswavidyalaya reserves the right to accept or reject any tender without showing reason.

Sl. No.	Name of the Item/ Equipment	Qty.	Detail Specification
1.	BOD incubator	2 no. (Without shaker)	<ul style="list-style-type: none"> <li>➤ Capacity- At least Six Shelves/Trays</li> <li>➤ Microprocessor based temperature Control System</li> <li>➤ Safety thermostat for over temperature protection (Temperature Range- 5°C to 60°C, Temperature accuracy- <math>\pm 0.5^{\circ}\text{C}</math>, Temperature uniformity- <math>\pm 0.1^{\circ}\text{C}</math>)</li> <li>➤ CFC free cooling system</li> <li>➤ Fully Adjustable Shelves</li> <li>➤ Solid insulated door with glass door and lock</li> <li>➤ Double walled construction with insulation</li> <li>➤ Combined Electronic Digital Temperature &amp; humidity controller</li> <li>➤ Automatic Voltage Stabilizer of 3 KVA</li> </ul>
		1 no. (with shaker)	<ul style="list-style-type: none"> <li>➤ Microprocessor based temperature Control System with timer</li> <li>➤ Safety thermostat for over temperature protection (Temperature Range- 0°C to 60°C, Temperature accuracy- <math>\pm 0.5^{\circ}\text{C}</math>, Temperature uniformity- <math>\pm 0.1^{\circ}\text{C}</math>)</li> <li>➤ CFC free cooling system</li> <li>➤ Solid insulated door with glass door and lock</li> <li>➤ Double walled construction with insulation</li> <li>➤ Combined Electronic Digital Temperature &amp; humidity controller</li> <li>➤ Variable shaking speed from 0-250 rpm</li> <li>➤ Universal platform for assorting different capacity of flask eg. 100 ml, 150ml, 250 ml, 500 ml and 1000 ml.</li> <li>➤ Automatic Voltage Stabilizer of 3 KVA</li> </ul>
2.	Yoder apparatus	1 no.	<ul style="list-style-type: none"> <li>➤ Mechanical oscillation powered by a gear reduction motor having amplitude of oscillation 3.8 cm and frequency of oscillator 30-35 cycles per minute.</li> <li>➤ Four nests of sieves working simultaneously each having 12.5 cm diameter and 2.0, 1.0, 0.50, 0.25, 0.10 and 0.05 mm diameter brass fitted the oscillator. (Mesh nos.- 10, 18, 35, 60, 150 &amp; 300)</li> <li>➤ A steeled drum 16 gage with an out let all complete</li> </ul>
3.	Balance	1 no.	<p>Semi micro Balance Precision- <math>\pm 0.00001\text{g}</math> Max wt.- 50 g</p>
4.	Automatic Nitrogen digestion and distillation Unit	1 no.	<ul style="list-style-type: none"> <li>➤ Microprocessor based Automatic Twenty (20) Place Economic Version Auto sequencing</li> <li>➤ Macro Block Digestion System with digital display (Suitable for plants, soils, water, food &amp; feed, Fertilizers &amp; pesticides)</li> <li>➤ Three Stage Semi Automatic Acid Neutralizer Scrubber</li> <li>➤ Microprocessor Based Basic Automatic PC Compatible Auto sequencing Value Added Distillation System with in-built software with added safety requirements to fulfill GLP &amp; CE Norms</li> <li>➤ Digital Burette Titration System</li> </ul>

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