BIDHAN CHANDRA KRISHI VISWAVIDYALAYA
FACULTY OF AGRICULTURAL ENGINEERING
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Dr. P.K. Sahoo
Professor & Head
&
PI, RKVY Project

Ref. No: FAE/FE/RKVY/210 Dated:11 -10-2017

NOTICE INVITING TENDER

Principal Investigator of the Project entitled "Solar Assisted Vapour Absorption Refrigeration System for on-Farm Cooling of Fruits and Vegetables" under RKVY is inviting tenders from competent and *bonafide* vendors/ parties/ distributors/ dealers/agents/ manufacturers having registration of GST, IT return, PAN number etc. for supply of the following item to Department of Food Engineering, BCKV, Mohanpur campuson or before 6th November 2017, 4 P.M. as per specifications appended bellow.The authority reserves the right to accept or reject any tender without showing reason. Payment will be made after satisfactory and making all complete. For any clarification the undersigned may be discussed on all working days of this Viswavidsyalaya. The quotation reference No and subject must be mentioned on the top of the envelope. The quotation completed in all respect with all supporting documents should reach to the PI, RKVY Project, Department of Food Engineering, Faculty of Agricultural Engineering, Bidhan Chandra KrishiViswavidyalaya, Mohanpur-741252, Nadia, West Bengal.

An EMD (Earnest Money Deposit) of Rs. 2000 /- (Rupees Two thousand only) must be submittedalongwith tender documents in favour of '**Bidhan Chandra KrishiViswavidyalaya**' payable at Kolkata.

SNo.	Items with Description	Quantity (No.)	Unit Price (Rs)	Total Price (Rs.)
1.	**Electric Hot Water Generator:** **(i) Specifications** Rating : 36KW Temperature Control : Microprocessor based step controller Test Pressure : 250 psig Temperature Inlet : 85^0 C Temperature Outlet : 90^0 C Flow rate : 103 LPM **(ii) Materials of construction**: **Enclosure** : Hot Water Generator made out of steel and should be suitable for Indoor installation. **Shell** :made of MS sheet **Connection**: Inlet & outlet pipe with MS flange end and mating flanges, descaling & drain outlets. **Heating Elements:** Electrical resistance type heating elements capsulated in seamless copper tubes suitable for 240V±10% 50Hz 1 phase supply. **(iii) Electrical Characteristics** : **Temperature Control Panel:**Micro processor based multistage electronic progressive staging sequencer with thermistor sensor to control the HWG in stages. **Audio Visual Alarm:** Trip indication lights for low water level & High temp. with audio alarm has been provided.	**One**		

	(iv) Controls & Accessories: 100mm dia. Temp Gauge for inlet and outlet water lines. Pressure Safety valve Auto Air Vent Sockets for Descaling Drain pipe Low water level cutout Master safety thermostat for high temp. cutout. Internal Cabling and control wiring with Copper conductor wires etc.			

Copy forwarded for wide circulation to:

1. Registrar, BCKV, Mohanpur, Nadia
2. Director of Research, BCKV, Kalyani, Nadia
3. Notice Board, Dean, Faculty of Horticulture,/ Dean, Faculty of Agriculture, /Dean, Faculty of Agril. Engineering,
6. Comptroller, BCKV, Mohanpur, Nadia
7. In-charge, University Website committee, is requested to upload BCKV website
8. Office copy

(P.K. Sahoo)
PI, RKVY Project