



BIDHAN CHANDRA KRISHI VISWAVIDYALAYA
DIRECTORATE OF RESEARCH
REGIONAL RESEARCH STATION (NEW ALLUVIAL ZONE)
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Dr. Susanta Kumar De
Officer-in-charge & P.I. of the Project

RIDF/RRS(NAZ)/T1/2019-2020

Date: 04.03.2020

Notice Inviting Tender

The Principal Investigator RIDF – XX project entitle “*Establishment of Three Different Production Units for High Quality Fruit Plants, Enriched Compost and Integrated Fish Farming in the District of Nadia of West Bengal*” is invited Sealed quotations from the bona fide suppliers/ vendors for supplying the equipment as per specifications stated below within **15th March, 2020 up to 5.00 pm**. Please mention terms & condition clearly against each item, if any, for supplying the equipments.

- i) Price: The price of all the equipment, including the imported ones, should be quoted in net per unit (including taxes and duties etc). However, University will provide valid DSIR and authorization certificate to the clearing, if required. Quoted rates must be FOR DESTINATION including packing, insurance and delivery charges up to laboratory at Regional Research Station (New Alluvial Zone), BCKV, Gayeshpur, Nadia-741234 with satisfactory installation and demonstration.
- ii) EMD: Vendors are required to pay the Demand draft amounting Rs. 5000/- (Rupees five thousand) only as specified along with their quotations. Without EMD quotations will not be considered for technical comparison. Demand Draft must be in favor of “Bidhan Chandra Krishi Viswavidyalaya” payable at Kalyani (IFSC: SBIN0001082). Supporting document regarding exemption of demand draft must be submitted.
- iii) Supporting Documents:
 - a) Bid papers should accompany authorization certificate from original manufacturer, trade license, GST registration etc.
 - b) Photocopy (Self attested) of the original supporting document in favour of the specification – claim for each item must have to be submitted separately.
 - c) User list along with certificate from reputed users also need to be submitted.
 - d) Photocopy of supporting document of assured after sale service in Eastern India and availability of spare parts need to be submitted.

Price bid of the vendors will be compared only if technical specificity as appended against each item is fulfilled. The Viswavidyalaya reserves the right to accept or reject any tender without showing reason.

N.B : Please read the carefully terms and conditions of all items.

List of Equipment's with Specification:

Sl No	Equipment	Specification	Make	Qty
1	Microcontroller based pH meter and conductivity meter	pH Conductivity Range: 0 to 14 0.00 to 20.00 mS/cm Resolution: 0.01 0.01 mS/cm Accuracy: ± 0.05 pH $\pm 2\%$ F.S Display : LCD/LED	Best Quality	1 set
2	All Quartz Water distillation set	All Glass, Double, with Built-in-heater, Vertical Type, 2.5 lit. Biological Activity: Pyrogen Free pH: 6.9-7 Conductivity S/cm: $< 1 \times 10^{-6}$ Total Organic Carbon (TOC) $\mu\text{g/l}$: < 500 Organic Matter mg/lit: Nil Total Solids mg/lit: < 0.1 Distillate Temp.: 65-75°C Total plate count: 0 Standard Plate Count: 0 Yeast and Mould: 0 KMnO ₄ color retention: 1 hr UV absorbance at 254 nm	Best Quality	1 set
3	Steel Distillation Set	Burn Stared type made of thick steel sheet, double heater coil 2 KW capacity 4.5 litre per hour	Best Quality	1 set
4	Digital Precision weighing balance	Capacity: 0.001-10g; Readability: 0.1mg ; Repeatability (sd): 0.1mg; Linearity (+/-): 0.2mg; Minimum weight: 0.2 –0.4 mg Display: LCD/LED; Tare Range: Full; Automatic external calibration	Best Quality	1 set
5	Digital Precision weighing balance	Capacity: 0.01-500 g; Readability: 1 mg; Repeatability: 1 mg; Linearity(+/-): 0.002 g; Minimum weight: 1 –4 mg,	Best Quality	1 set
6	Autoclave	Vertical autoclave, chamber capacity approx. 35 liters; temperature range: Sterilizing - 105 – 135 °C; Operating pressure: Display range 0 – 30 lb; Digital Time & Temperature display; Accessories: External temperature probe, Durham's tubes rack, Stainless basket without holes, Stainless long basket, Warranty: 2 years or more	Best Quality	1 set
7	Centrifuge	Microprocessor Research centrifuge with angle head (50 ml x 12 tubes)	Best Quality	1 set
8	Hot Air Oven (digital display)	18"x18"x24" inner chamber S.S. and outer body MS, microprocessor based digital control temp. and powder coated paint , 4 nos. net shelves with temp range 50°C to 250°C.	Best Quality	1 set
9	Hot Air Oven (digital display)	24"x24"x36" inner chamber S.S. and outer body MS, microprocessor based digital control temp. and powder coated paint , 4 nos. net shelves with temp range 50°C to 250°C.	Best Quality	1 set
10	Willy Mill Grinder	Intermediate model recommended for grinding of samples fitted with fixed motor; ¼ HP, Chamber size: 40 mm x 25 mm (Cast steel chamber)	Best Quality	1 set
11	Horizontal Shaker	Steel cabinets; Speed range: 50 -300 rpm; flask capacity – 100 ml-25, 250 ml-16, 500 ml – 20	Best Quality	1 set

12	Constant water bath	Capacity 5-10L; Digital display for temperature & time controller; Temperature – ambient to 100°C;	Best Quality	1 set
13	Hot plate1	Magnetic stirrer with hot plate: Hot plate, Dual function of heating and stirring with acid/alkali resistant top plate; Speed: Stirring range 100 - 1500 rpm with temperature and RPM display; Heating temperature range 50 - 500°C; Safety: Shuts off heater if temperature rises above 550°C digital display	Best Quality	1 set
14	Hot plate-2	size (approximately) 10'' × 10'' ; Temperature 550°C; digital display	Best Quality	1 set
15	Refrigerator	Frost free refrigerator with a capacity of 290 litres, Double Door, with multi storage basket with an energy rating of 4 stars or better.	Best Quality	1 set
16	G. P. S	Model eTrax 30: Unit dimensions, WxHxD: 2.1" x 4.0" x 1.3" (5.4 x 10.3 x 3.3 cm) Display size, WxH: 1.4" x 1.7" (3.5 x 4.4 cm); 2.2" diag (5.6 cm) Display resolution, WxH: 176 x 220 pixels Display type: transfective, 65-K color TFT Weight: 5 oz (141.7 g) with batteries Battery: 2 AA batteries (not included); NiMH or Lithium recommended Battery life: 25 hours Waterproof: yes (IPX7) Floats: no High-sensitivity receiver: yes Interface: USB.	Best Quality	1 set
<p><i>The work includes the following: (1.) The supply and installation of equipment with accessories. (2.) Testing of equipment. (3.) Provide, one copy each of following documentation (on CD/DVD and printed manual, both) (i.) installation manual, (ii.) operating manual, and (iii.) Service Manual. (4.) Any other work required for equipment making functional up to the satisfaction.</i></p> <p><i>T&C: AMC for at least 3 years is to be provided after installing the equipments is mandatory.</i></p>				

The quotations must be dropped in the Tender box at **Dr. Susanta Kumar De, Officer-in-charge & P.I. of the Project**, Department of Soil and Water Conservation, Faculty of Agriculture, Mohanpur, Nadia-741242, WB or sent by post to above address. **Late Date of Submission 15th March, 2020.**

Chairman, LTC, BCKV