



Bidhan Chandra Krishi Viswavidyalaya

Regional Research Sub-Station, Chakdaha

Vill. Uttar Panchpota, P.O. : Chakdaha, Pin-741 222

Dist.: Nadia, West Bengal

☎(03473)207365(0),9051339686(M)

E-mail : sukanta.agron@rediffmail.com;

Dr. Sukanta Pal

Professor in Agronomy & Principal Investigator (RKVY)

Ref. No. RRSS/CH-17/F-4/57

Dated : 24.08.2017

Notice Inviting E- Tender

The principal Investigator, RKVY project “Infrastructural support for establishment of laboratory for testing quality of compost and organic manures” in the Department of Agronomy, Bidhan Chandra Krishi Viswavidyalaya, Mohanpur is inviting e-tender from competent and bonafide manufactures/ authorized distributors/ dealers/ agents for supply of following scientific equipment to University as per specifications appended against each item.

(i) Preparation of Bids:- the tenders should be submitted under two- bid system (i.e. Technical bid and Financial bid) with validity for a period of six month or more.

(ii) Submission of e- tender:- The tender shall be submitted on line within 13.09.2017 Technical Quotations may also be submitted separately for each item by scaled envelope mentioning name of the item on top of the envelop to the below- mentioned addresses.

(iii) Opening of the tender:- The technical bid will be opened on14.09.2017 by the Central Purchase Committee, BCKV duly constituted for this purpose. After scrutinizing, the financial offer/ bid of technically qualified vendors will be opened.

(iv) Prices:- 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 BCKV, Mohanpur) with satisfactory installation and demonstration.

(v) EMD:- Vendors are required to pay the requisite amount (in INR) as EMD in draft as specified against each equipment/ goods individually. Scan copy of the requisite draft must be uploaded as the supporting document for each equipment during submission of e-tender. **Without EMD quotations will not be considered for technical or financial comparison.** Draft must be in favour of Bidhan Chandra Krishi Viswavidyalaya payable at Kalyani (IFSC: SBIN0001082).

(vi) Supporting documents:-

(a) Bid papers should accompany authorization certificate from original manufacturer, trade license, GST registration, etc;

(b) Scan copy (self attested) of the original supporting document in favour of the specification claim for each item must have to be uploaded separately;

© User list along with certificate from reputed users also need to be uploaded for each item;

(d) Scan copy of supporting document of assured after sales services in Eastern Indian and availability of spare parts need to be uploaded.

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

Dr. Sukata Pal, Professor,
Department of Agronomy
Faculty of Agriculture,
Bidhan Chandra Krishi Viswavidyalaya
and
Principal Investigator, RKVY project

List of Scientific Equipment attached

Project title

“INFRASTRUCTURAL SUPPORT FOR ESTABLISHMENT OF LABORATORY FOR TESTING QUALITY OF COMPOST AND ORGANIC MANURES”

Submitted by

Dr. Sukanta Pal

Professor & In-Charge

RRSS, BCKV, Chakdaha

List of Equipments with Specification under RKVY: Chakdaha

1	Atomic absorption Spectrophotometer (AAS)	Fully automatic Atomic Absorption Spectrometer, incorporating all spectrometer and atomizer components in a single instrument. Wavelength range 190 - 900 nm or better with computer controlled wavelength selection and peaking; deuterium background correction system with automated monochromatic and slits adjustment; 8 turret with computer controlled lamp selection; Lamps should automatically switch off at the end of analysis; Automatic flame control, ignition and shut down sequence; Automatic Gas Flow adjustment during change over between air/C ₂ H ₂ and N ₂ O; Acid proof titanium burner for air/acetylene and Nitrous oxide flame; Computer controlled motorized burner adjustments with highest precision and reproducibility for adjustment of flame position as well as adjustment of Burner Head; Computer software controlled Vapour Generation; Hollow Cathode lamps for analysis of various elements Cu, Cd, Cr, Fe, Ni, Zn, Co, Mg, Mn, Ca, Na, K, V, Ti, Ba, Be, B, Hg, Ag, Pb, As, Al, Mo and Sb (quote cost of each lamp separately). Fully automated software controlled, corrosion resistant graphite Furnace (integrated with the main instrument AAS) system with dynamic temperature control with cooling water/chiller; Safety features should be built in; VGA software controlled continuous flow Hydride generation system for volatile metals like Hg, As, Se etc. or alternatively, software controlled Flow Injection System for volatile metals with no residual memory effect. EDL/Super/high sensitivity/ultra lamps for Hg, As, Se, Sn and Pb; two spare Gas Liquid Separators for VGA; Windows based software for control of all the functions of the instrument; Computer & Printer: Pentium Core i5 Processor with 17" TFT Colour monitor and Colour DeskJet printer; Equipment accompanied by all necessary regulators, two filled gas cylinder acetylene/argon, Filters, exhaust hood, oil free compressor, UPS 20kva; 60-120 minute backup, maintenance free batteries etc. Warranty: Comprehensive warranty for 5 years from the date of commissioning for the main system and all accessories along with hard table top for keeping the instrument, and three gas cylinder.
2	Digital SLR Camera	Nikon Digital SLR Camera with lens, external GPS unit and tripod with other accessories. 18- 55 mm lens, 24.2 mega pick cell

3	Shaker	Steel cabinets; Speed range: 50 -300 rpm; flask capacity – 25 ml -36, 50 ml – 36, 100 ml- 25, 250 ml-16, 500 ml – 16 & 1000 ml – 9. Vortex Shaker: Speed up to 3000rpm; provided with multi-tube attachments, Plate attachment & cup-attachment;
4	Grinder	Heavy Duty S.S drum mixer grinder; Motor fixing work S.S Sheet covered;
5	Digital Soil Moisture meter	Range: 0% to saturation (typically around 50% V.W.C); Resolution 0.1%; Includes: Soil Moisture Meter, 10 cm & 20 cm Probes, Hand held mapping GPS, GPS Mounting Bracket, GPS/DGPS Cable, Software, and PC Interface Cable with USB-to-serial adaptor cable and Carrying case. Warranty: Minimum 1 year on site
6	Digital Soil Thermometer	As per IMD specifications (Sets containing 5 cm, 10/15 cm and 20 cm depth) (10 sets)
7	Temperature controlled centrifuge	Bench Top Laboratory Centrifuge; Digital Speed Indicator and Timer; Maximum Speed 10000 RPM; Capacity 16 × 15ml Tubes; Single Rotor head
8	Power operated chopper	Power flat chaff cutter operates on 2HP single phase motor, smarter, V-Belt, motor channel and pully; Cutters are mounted with heavy steel & iron legs, which make the machine properly bolt; Load Capacity: 1000kg to 1500 kg per Hour; Speed : 300 to 350 RPM; Length of Cut : less than 1''
9	Water distillation set	Quartz boiled , Quartz condenser with water level cut off. Double, with Built-in- heater, vertical Type, capacity 2.5-3.0 Lit./hr. BOROSIL



BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

P.O. Krishi Viswavidyalaya, Mohanpur (741252), Nadia, W.B.

Registrar's Central Purchase Section

PURCHASE INDENT

Ref. No.

Date: 16/08/17

Name of the Indentor: Dr. Sukanta Paul
Department: RXVY-PI RESEARCH

Designation: Professor & P.I
Faculty: Agriculture

Sl No.	Name of the Item / Equipment	Qty.	Detail Specification	Approx.(Rs.)
	Lists with specification attached in separate page.		Attached in separate page.	40.50 Lacs.
Total Amount				40.50 Lacs

- Whether the item /items are available in the store: Yes/No ✓
- Source of funds: Project / Development (Contingency /ICAR/State Govt.): State Govt, RXVY Project
- Fund Code: 12067
- Title of the project: For beneficial support for establishment of laboratory for analysis of ^{computer} organic resources.
- Tentative time to be required to procure the item(s): Shortly (as soon as possible)
- Whether the item is proprietary :
- Any other comments :

16/8/17
 16/8/17
 Principal Investigator / DR
 "Promotion of Improved Technologies of
 crop.....Infrastructure under RIDF"
 Directorate of Research, BCKV
 Kalyani-741235, Nadia, West Bengal

Dean /F

Comptroller

Registrar

Vice-Chancellor