



BIDHAN CHANDRA KRISHI VISWAVIDYALAYA

P.O –Krishi Viswavidyalaya, Mohanpur -741252, Nadia, W.B

Registrar's Central Purchase Section

E-TENDER NOTICE

(BCKV/RKVYWM/44/2019-20, dated 13.02.2020)

Tender ID 2020_BCKV_271948_1 : Bid Submission End Date 24-Feb-2020 06:00 PM

Tender ID 2020_BCKV_271954_1: Bid Submission End Date 24-Feb-2020 06:00 PM

Tender ID 2020_BCKV_271959_1: Bid Submission End Date 24-Feb-2020 05:00 PM

Tender ID 2020_BCKV_271963_1: Bid Submission End Date 24-Feb-2020 06:00 PM

Tender ID 2020_BCKV_271967_1: Bid Submission End Date 24-Feb-2020 06:00 PM

Tender ID 2020_BCKV_271970_1: Bid Submission End Date 24-Feb-2020 06:00 PM

Tender ID 2020_BCKV_271972_1: Bid Submission End Date 24-Feb-2020 06:00 PM

Chief Scientist, AICRP-IWM, Bidhan Chandra Krishi Viswavidyalaya invites quotation for purchase of following scientific equipment for an RKVY project entitled, "Management of groundwater irrigation.....West Bengal, Gayeshpur"

- Specify warranty terms and conditions. Price should be quoted on F.O.R. destination basis.
- e-tenders should be addressed to the Principal Investigator, RKVY Project entitled "Management of groundwater irrigation.....West Bengal, Gayeshpur", Niche Area Laboratory, Directorate of Research, BCKV, Kalyani-741235 **on or before 10 days after publication of the Notice.**
- Mere adherence to the desired specifications is not sufficient. Manufacturer's National/Global credential and installation background will be considered during evaluation
- The cancellation of any quotation, without showing any reason is at the discretion of the authority.
- Award of order to the selected bidder is subject to availability of fund.
- Bidders are required to give individual quotation for above instrument separately. Vendors are required to deposit an **EMD for each item** through demand draft in favour of the "**Bidhan Chandra Krishi Viswavidyalaya**", BCKV. payable at Kolkata
- Tender validities of at least 6 months are desired.
- Bid Papers preferably accompany authorization certificate from original 'manufacturer, trade license, VAT registration etc.

Sl No	Name of the Item/	Detail Specification	EMD (INR)
1.	Mono quartz water Distillation unit	Compact and the construction of materials being of high purity Quartz for Analytical laboratories where purity of distilled water will be free from metallic ions. Distilled water output should be immediate. 5.0 liter/hr capacity with DAPS	2000
2.	Steady-state Portable Leaf Porometer	Steady-state Portable Leaf Porometer of leading brand which measures in 30 sec in auto mode with an accuracy of 10% of measurement in an operating environment of 5-40 ⁰ C, 0-100% RH with desiccant chamber, making an output through RS232 computer interface.	2000



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3.	Pressurized Drip irrigation system	Layout, installation and commissioning of online pressurized drip system with suitable pumping unit, head control unit, water carrier and distribution system including standard fittings and accessories for one acre of land and flexible for different vegetable crops	3000
4.	Micro-Sprinkler system	Layout, installation and commissioning of micro sprinkler system with standard fittings and accessories with suitable pumping unit for one acre of land and flexible for different vegetable crops	3000
5.	Sensor based Moisture Meter	Sensor based moisture meter for measurement of volumetric water content with the accuracy of $\pm 0.01 \text{ m}^3.\text{m}^{-3}$ (1%) and measurement range should be in between 0 to $1.0 \text{ m}^3 .\text{m}^{-3}$ and capable to work in the saline soil with an output range up to 1.0 V with 100 cm extension tube with 3 meter cable length from the sensor. It should have replaceable rods which are capable to be buried or used as portable probe. Each sensor should be calibrated interchangeably. It should have battery life up to 5000 readings and store capacity should be around 1500 or above which are configured by keypad and it should have the communication options through RS232/ USB. Data down loading software and Dataset import wizard software should be provided with latest windows OS compatibility, preferably windows 10. Input connections should be configurable to 4 or 6 integrated or electronic tensiometer sensor. It should have profile probe sensors of 1350 cm with 6 Integrated Sensor	2000
6.	Deep Freezer	Double door top loading chest freezer.	1000



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7.	Semi automatic nitrogen protein analyzer	<p>Kjeldahl distillation system made of Borosilicate, entire glass assembly along with the steam generator (with an outlet ball valve), cabinet door sensor, stainless steel bottom tray, automatic one shot push rotary encoder and 20x4 LCD digital Display. 25 - 100% steam power operational range. Reagent dosing head in borosilicate glass with Kjeldahl trap gas expander and coil condenser. Sturdy outer body with min 1.5mm gauge acid resistant powder coated body. Automatic Steam injection in Borosilicate glass sample test tube (250 ml capacity). Dosage using acid, alkali & water resistance below pumps with 1 meter capacity having automatic and precise dosage of distilled water, alkali in test tube, boric acid in receiver flask with automatic sensor (auto alarm) for no water condition.</p> <p>Kjeldahl digester with 250 ml Borosilicate glass tube with automatic 20 Place Microprocessor based digestion system. Aluminum block digester having 240VAC, 2.8 KW SS block cased cartridge. Inbuilt digital integrated timer, LCD display for temperature controller, cooling stand (along with auxiliary cooling stand with thawing fans), auto restart button and borosilicate glass exhaust provided with provision of noise free heater operation.</p> <p>Fume scrubber with 28LPM capacity provided with vacuum pump with polypropylene head/nozzle. Teflon Valve & Teflon coated neoprene rubber Diaphragm with condensation and neutralization jars (preferably 2 ltr capacity). Threaded tube connectors, transparent PC Protective front shield and easy removable bottle tray provided with PP bubble releaser, Carbon adsorption bottle and Fume condenser attachment. Three way trapping of acidic fumes through Water cooling Condenser, Alkali trapping of acid fumes, Dilution inside distilled water and Carbon filter.</p>	5000
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(S. K. Patra)