

TENDER NO. 10/2016
(Supply of Scientific apparatus & Computers)

U.P. Council of Sugar cane Research, Shahjahanpur

TENDER NOTICE

Sealed Tender are invited from reputed manufacturer/ Authorised dealer for slide dryer, microtome, Hot air oven, Orbital shaker, Digital refractometer , pH meter, Chemical Cabinet, grinder machine, Table Top water bath, Q Trek IAQ monitor and computer set, DSL-R/SLR Camera, Symphony Cooler.

Tender Form along with detailed specification may be collected from this office on or before 05.01.2017 on payment of Rs. 500/- cash or download our website (www.upcsr.org) with DD of Rs 500/- in favour of undersigned. Filled tender form along with earnest money 2% quoted value should reach this office on or before 05.01.2017.

Director,
U.P. Council of Sugarcane Research
Shahjahanpur

Tender Form

(Supply of Scientific Apparatus)

Name & address of Firm-----

Cost of tender form: Rs. 500/-

1-Tender No & Date :

2-Subject: Supply of Scientific Apparatus

3- Last Date & Time for sale of : 05-01-17 13.00hrs
Tender form

4- Last Date & Time for Receipt : 05-01-17, 14.45 hrs
Of Tender along with earnest
money

5- Time & Date for Opening of : 05-01-17, 15.00hrs
Tenders:

6- Venue of Opening Tender : Library Hall U.P.C.S.R.

7- Value of earnest money : 2% of quoted value

Specifications

1	Q- Trak IAQ Monitor	
	Instrument with 982 probe (Co, CO2, Temperature and Humidity)	
	Hard carrying case, (4) alkaline batteries, USB cable, Trak pro software	
	operation & service manual, A/C adaptor, probe stand, calibration	
	certificate	
2	Digital Refracto meters	
	Range	0 to 85% Brix 0 to 80°C/32 to 176°F
	Resolution	0.1% Brix 0.1°C/ 0.1°F
	Accuracy	±0.2% Brix ±0.3°C/ 0.5°F
	Light Source	Yellow Led
	Measurement Time	Approximately 1.5 seconds
	Minimum Sample Volume	100 µL (cover prism totally)
	Sample Cell	SS ring and flint glass prism
	Temperature Compensation	Automatic between 10 and 40°C/ 50 to 104°F
	Case Material	ABS
	Enclosure Rating	IP 65
	Battery Type	1 x 9V AA(included)
	Battery Life	5000 reading
	Auto-shut off	After 3 minutes of non-use
3	Slide Dryer	
	Programmable system to warm at least 12 slides at a time with humidity control	
	Temperature range	: RT+5 °C to 99.9 °C
	Heating time	: ≤ 5 min
	Cooling time	: ≤ 10 min
4	Microtome	
	Section thickness:	1-50 µm
	Section thickness setting:	1 µm per step
	Knife length:	≥ 120 mm
	Block holder capacity:	03
	Vertical specimen stroke;	≥ 50 mm
	Maximum specimen size:	≥ 30 mm
	Knife angle:	0-10°
	Specimen Orientation:	360°

5	Hot air ovens	
	Temp Range:	Ambient+5 to 250°
	Stability:	+ 2.5°C
	Controller:	Microprocessor PID Digital temp. Indicator-Cum-Controller
	Display:	LED (Optional)
	External case:	Made of mild steel, covered with a thick layer of Powder
	Coating. Internal surface& doors:	Stainless steel
	Inner chamber size:	24"x18"x18"
	No. of shelves: 02 The double walled chamber is filled with high grade insulation to prevent heat loss. It should have air circulating fan to maintain uniform temperature across the chamber.	
6	Orbital Shaker	
	Speed range:	20-300 rpm
	Platform size:	≥25 cm x 25 cm
	Speed increment:	01 rpm
	Orbital dia:	18-20 mm
	Timer:	0- 2days or continuous
	Maximum load:	≥ 4 Kg
	Display:	Digital
	<ul style="list-style-type: none"> • It should have non slippery platform with arrangement of holding all conical flasks of volume 25 ml to 4000 ml, petri dish and tissue culture plates. • It should be suitable to use in incubators or cold rooms. • It should start and stop smoothly to minimize spill over. 	
7	pH Meter	
	Display	Digital
	Buffer Recognition	Automatic
	Measurement Modes	pH, mV, ORP with temperature
	pH Range	0.00 to 14.00 pH
	pH Accuracy	±0.05pH
	Temperature Compensation	0-100°C, Manual
	Calibration	7.0 pH, 4.0 pH & 9.2 pH, Automatic
	Power Requirements	With AC adapters, 220VAC/50Hz
	Standard Accessories	pH Electrode, Stand, Rod, Clamp, Buffers, Dust Cover & Manual
8	Chemical Cabinet	
	Type	Double Door
	Size (WxLxH)	Approx (100cm x 60cm x180cm)
	Shelves	4 – 5
	Material	Metal (Iron or Steel)
	Door	Glass Door
	Lock	Door Lock

9	Grinder Machine (Willy Mill)	
	Material	MS/ CRC Sheet Cast steel chamber duly painted
	Type	Manual by Electric
	Grinding Compatibility	Dry leaves, stems and seeds
	Grinding Chamber	Approx 100 mm x 50 mm
	Motor Capacity	½ H.P
	Standard Accessories	With 2 Stationery blade & rotor, 4 cutting edges
	Sample introduce through	hopper & Cover fitted with ¼ HP Motor
	Voltage	100-290 V
	Warranty Period (Refrigerator)	1 Year
	Warranty Period (Compressor)	5 Year
10	Table top Water bath	
	Product Type	Thermostatic , Shaking Water Bath
	Bath type	Shaking
	Capacity (Liters)	10 L
	Max temperature (°C)	100
	Temp display	Digital
	Temp stability	at 70 °C ± 0.1 °C
	Uniformity	at 70 C ± 0.05 C
	Bath opening	Lid opening
	Immersion depth	Approx. 15 cm
	Heater wattage	1200W
	Power (VAC)	120/230
	Power (Hz)	50/60

Terms & Conditions

- 1- Supply will be accepted on bill basis and the payment will be made after satisfactory supply & Installation .
- 2- Rate should be quoted F.O.R Institute including packing and forwarding charges, but exclusive of C.S.T./vat.
- 3- Certificate of registration copy (CST/Vat/Pan No.) with tender.
- 4- Tender submitted in two bid system-
- 5- **Part-1- Technical bid** with registration copies, Earnest money, detail of email, phone/fax no. & contact person catalogue & Authorisation certificate.
Part-2- Financial bid.
- 6- Supply will be made within 15 from days from the date of placement of the supply order.
- 7- Vat & TDS deducted as per govt. Rules. Security money 10% will be deposited after issue of supply order. Earnest money adjusted may be in security amount on your request. Security money release after 6 month after Installation.
- 8- Warrantee period mention in Tender clearly.
- 9- Director, U.P. Council of Sugarcane Research, Shahjahanpur has reserved the right to accept or reject any or all the tenders without assigning any reason.
- 10- Tendurer can be present on tender opening time

Tender Form
(Computer, Camera & other items)

Name & address of Firm -----

Cost of tender form: Rs. 500/-

1-Tender No & Date :

2-Subject: Supply of Computer & other items

3- Last Date & Time for sale of : 05-01-17 13.00hrs
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Signature

Specifications

1	Desktop Computer with Printer(HP)---1	
	Processor	Intel Core i5
	Hard Disk	1 TB
	RAM	4Gb
	Optical drive	CD/DVD Writer
	Modem	In-Built
	USB Port	2xUSB2.0,2xUSB3.0
	Operating Window	Window 7/8.1(Original)
	Monitor Size	18.5 inch
	Monitor Type	LED(Speaker in-built)
	Mouse	Optical (wire less)
	Keyboard	Standrad (wire less)
	UPS(Double Battery)	1000VA/600W
	PRINTER	
	Printing Method	Laser
	Printing Output	Black &White
	Type	Multi-function (Print, Scan, Copy)
	Display	LCD
	Interface	USB
	Print Resolution	Up to 600x600dpi
	Print Speed Black	Up to 14 (PPM-A4)
	Window Support	Window Vista, Window 7&8

2	Desktop Computer with Printer(HP)---10	
	Processor	Intel Core i5 6 th gen.
	Hard Disk	1 TB
	RAM	8Gb-DDR 3RAM
	Optical drive	CD/DVD Writer
	Graphic-	2Gb
	Modem	In-Built
	Operating Window	Window -10(Original)Microsoft office home
	Monitor Size	18.5 inch
	Monitor Type	LED(Speaker in-built)
	Mouse	Optical (wire less)
	Keyboard	Standrad (wire less)
	UPS(Double Battery)	1000VA/600W
	PRINTER(HP)	
	Printing Method	Laser
	Printing Output	Black &White
	Type	Multi-function (Print, Scan, copy)
	Display	LCD
	Interface	USB
	Print Resolution	Up to 600x600dpi
	Print Speed Black	Up to 25 (PPM-A4)
	Window Support	Window Vista, Window 7&8

3	Laptop Computer (HP)---1	
	Processor	Intel Core i5 6 th gen.
	Hard Disk	1 TB
	RAM	8Gb-DDR 3RAM
	Optical drive	CD/DVD/RW, High speed USB
	Graphic-	2Gb
	Modem	In-Built
	Operating Window	Window -10(Original)Microsoft office home
	Touch Screen HD	15.00

4	Cooler Plastic Body--11	
	Make	Symphony
	Model	Window 70 Jet, Air Cooler with Stand

5	A.C. 1.5 Ton--1	
	Make	Voltas
	Model	185DY 1.5 Ton Spilt, 5 Star
	Stabilizer	V guard new 400 plus with triple booster(90-300V)

6	Digital SLR Camera--1	
	Make	NIKON
	Model	D3400 DSLR
	Pixels	24.1 MP
	Screen	Black
	Image sensor format	DX
	Image sensor type	CMOS
	Media	SD,SDHC(UHS-I compliant),SDXC (UHS-I compliant)
	Additional Standard Accessories	AF-S 18-55mm and 7.-300mm ASP VR Lens, Memory Card 64 GB, Battery, Charger

7	SLR Camera--1	
	Make	NIKON
	Model	D-90
	Pixels	12.3 MP
	Lens	18 to 105

8	CPU Mouse & Key Board-1	
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