



**ODISHA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY, BHUBANESWAR**

**Short quotation call**

**List of Equipments to be purchased through Local Purchase Committee,  
College of Agriculture, Bhubaneswar**

<b>Sl. No.</b>	<b>Equipments</b>	<b>Technical specifications</b>
01.	<b>Rotospin</b> <b>(Table top)</b>	Designed for serial rotation of tubes for diffusion, extraction etc. Speed 5-50 rpm, Adaptors or rotating bars for tube of size 15 ml and 30 ml size each. Timer adjustment facility should be there.
02.	<b>Vortex</b> <b>(Table top)</b>	Designed for mixing of extracts during DSPE clean up steps. Heavy metal base and rubber feet, variable speed control function, maximum speed 3000 rpm , it should possess micro tube insert and cup attachment
03	<b>Shaking Machine</b>	Designed for shaking Adjustable volume of conical flasks (100 ml-250 ml) of different size by adjusting compartments. Fitted with heavy duty motor to work on 220V, AC 50 Hz single phase. The rate of motion is adjustable mechanically by belt tension. Speed is fixed in same models to approximately 275. Size of Carrier: 36"x18"x 4" Strokes per Minutes: 150 to 250 Motor: 2 HP Body Type: covered Uninterrupted shaking for 12 hours
04.	<b>Muffle Furnace</b>	Heavy duty mild steel having power coating finish High quality Ceramic wool insulation, maximum thermal efficiency Outer casting made from stainless steel -304 grade Unexposed long lasting KANTHAL A-1 heating elements Maximum Temp -1200 °C Working Temp Range-400-1160 °c Size- 30x15x15 cm ,3500 watt
05.	<b>Water bath</b>	Inner tank stainless steel-304 grade High quality immersion heater, Concentric rings to use flask from 50 ml to 500 ml capacity, Temp range 5° C above ambient to 99 °C, Digital temp control by capillary thermostat with +/- 2 °C , Bath size 40x30x10 cm , 12 holes of 7.5 Cm Dia ,1500 watt
06.	<b>Hot Air Oven</b>	Capillary type Thermostat provided to take care of temperature overshoots & in case the PID Controlling system fails. .WORKING SPACE(W X D X H): 24" X 24" X 24" CAPACITY (LTRS): upto 224 LTRS, WATTS: 3000 SHELVES: 3 NOS.
07.	<b>Hot plate</b>	Rectangular size ,Top plate made from cast iron with body made of thick CRCA steel powder coat finished ,Body ,Top plate of stainless steel Long lasting Nichrom Elements embedded with porcelain insulation beads, Size : 18 X 24 " Max surface Temp 300°C Operates on 230 volts AC single phase
08.	<b>Analytical Balance</b>	Max. capacity-220-500g , Readability-0.001g, repeatability(±)0.2mg, calibration-monitored internal calibration, response time-4-5 sec, tare range- full, Pan size-125mm, power supply-AC-220V/50-60Hz,

**Terms and Conditions:**

1. The supplier/agency/firm must provide the printed literature indicating photographs and detail technical specification, manual and their functions.
2. It is necessary that specific brand, make, model etc. shall be clearly mentioned in the quotation.
3. **A letter indicating that-**
  - a) the quoted item is new and has not been tampered.
  - b) the manufacturer shall provide 3-years onsite Guarantee/Warranty, after sales, service during Warranty/Comprehensive Annual Maintenance Contract/Annual Maintenance Contract period if the authorized dealer/bidder fails to provide same.
4. The price should be quoted in Indian Currency including onsite delivery price to different offices/departments of OUAT, Bhubaneswar.
5. Attested copy of PAN & GSTIN showing the registered number, latest GST return and photograph of the supplier should be provided.
6. The quotation should be sent **To The Chairman, Local Purchase Committee, College of Agriculture, OUAT, Bhubaneswar-751003** within 10 days of publication of the notice by SPEED POST only .

s/d-

**Chairman,  
Local Purchase committee,  
CA, OUAT, Bhubaneswar**

**NB. One copy of the above quotation is displayed in the Notice board of Dean CA, OUAT, Bhubaneswar.**