

BIRSA AGRICULTURAL UNIVERSITY

KANKE, RANCHI

(JHARKHAND)



Financial Year 2008-2009

Tender Documents for Equipements and other Items

BIRSA AGRICULTURAL UNIVERSITY, RANCHI (JHARKHAND)



Tender Notice No. 79

Dated 28.2.09

Short Tender Notice

Closing date : 17.03.2009 (1.00 P.M.)
Opening of tender : 17.03.2009 (2.00 P.M.)

Sealed tender are invited from Manufacturers and Authorised Distributor/Authorised Dealers/Authorised Importers for purchase of Equipments and other items i.e. Cake Mixer, Blister sealers with standard accessories & blister cutter, Vacuum packaging unit, Fruit mill, Pulper Junior model, Hydraulic Juice Press, Vacuum Filling Machine, Homogenizeer, Papad Press (CFTRI Model), Mixing and beating machine, Dhall Mill, Soybean flaking machine, Modified Atmosphere packaging unit, Vacuum dehydrator with standard accessories, Bottle sterilization tank with bottle washing machine, Digital balance, Cooking range, Steam Jacketed Kettle, Lug cap sealing machine, PH Meter, Magnetic Stirrers, Laminar Air flow cabinet, Double Distillation Plant, Hot air oven, Muffle furnace, Sample mill, Microscope, Centrifuge, Crude fiber apparatus, Incubator, Sesal fiber Extraction machine (Different capacity), Extendable ladder (Handalium), Tree ladder Extendible with chain & Hook. (upto 70' ft.), Gloves for wood working, Hand made paper/hard board/card board making machine, Bamboo treatment plant (fabricated), Wood seasoning unit (fabrication) steam seasoning & solar seasoning, Bamboo splitter and smother unit, Automatic Weather station with data logger and accessories, Deep Bore Well, Flaking Machine, Refrigerated high speed centrifuge, Data logging moister meter, Vertical refrigerated seed storage cabinet, Precision Balance etc.

Tender documents available from Purchase Officer on or before 16.03.09 on payment of Rs. 500/- only through Bank Draft in favour of Comptroller, Birsa Agricultural University, Kanke, Ranchi. It can be downloaded from website www.baujharkhand.org. However tender document downloaded from website will be valid only if accompanied by Demand Draft.

Sd/-

Purchase Officer

1. **Advertisement Manager** – Prabhat Khabar, All Editions Jharkhand (Hindi), Economic Times all Editions (English). The firm is requested to publish the short Tender Notice in daily newspaper in one issue on or before 03.03.09.


Purchase Officer

NAME OF THE EQUIPMENTS AND OTHER ITEMS FOR TENDER


Sl. No.	Name of the Equipment	Specification
1.	Cake Mixer	10 Kg capacity three speed 1 hrs. power 3 attachment
2.	Blister sealers with standard accessories & blister cutter	For sealing blister packs for Jam, sauce, Pickles
3.	Vacuum packaging unit	Trolley Model with inert gas flushing system
4.	Fruit mill	Capacity 50Kg/hr with 1HP Motor
5.	Pulper Junior model	Capacity – 1 tones/hr 1HP Motor
6.	Hydraulic Juice Press	40-50 tones pressure to juice soft and hard fruit
7.	Vacuum Filling Machine	Two filling heads capacity 10/15 bottles/minute
8.	Homogenizeer	For homogenization of liquid 20 LPH, Pressure 200 bar with 1 HP
9.	Papad Press (CFTRI Model)	8' dia 150 papads/hr
10.	Mixing and beating machine	15Kg papad dough in 30 minute. Heavy duty 2HP motor grinding attachment.
11.	Dhall Mill	2HP, Motor CFTRI model, 80 to 150 Kg. Pulse/hour
12.	Soybean flaking machine	1HP Motor (CIAE Model)
13.	Modified Atmosphere packaging unit	First vacuum then fill modified gas
14.	Vacuum dehydrator with standard accessories	12" x 12", temp – Ambient 130°C
15.	Bottle sterilization tank with bottle washing machine	With steel coil capacity of hold 5-6 dozen bottles
16.	Digital balance	Weighing range upto 50 Kg
17.	Cooking range	With four burner with grilling and baking facility
18.	Steam Jacketed Kettle	Mounted on a mild steel stand with tilting arrangement, complete with gauze, safety valve, steam pet cock, Capacity = 10 Gallons
19.	Lug cap sealing machine	Hand operate
20.	PH Meter	Digital display, PH range 0.14, milivolt range 0 to \pm 1000 MV, Accuracy for PH \pm 00.10 power 220.V
21.	Magnetic Stirrers	With hot plate, lamp indicator, Teflon Magnetic bar (Different sizes), Capacity 2 Ltr. , 5 Ltr.
22.	Laminar Air flow cabinet	Horizontal working area size – 6'x2'x2' HE PA filter 2'x 2'x 6'x 2 nos. Balanced blower through prefilters table top is covered with SS UV Tube fluorescent tube light, gas cock & monometer.
23.	Double Distillation Plant	Capacity – 5 Ltr. Complete with double walled coiled condenser metallic stand electrical fitting with automatic low water level cut off device.
24.	Hot air oven	With digital temp. display on/off switch with ambient to 250°C 60x60x60 cm

Sl. No.	Name of the Equipment	Specification
25.	Muffle furnace	Working temp – 900 °C/1000 °C/1150 °C temp. controlled by energy regulator with indicators pyrometer. Thermocouple, thermal fuse. Tower on 220/230 volts AC.
26.	Sample mill	For chemical analysis cyclotech
27.	Microscope	Type- Binocular Research Microscope. High transmission head 55-77 mm IPD. Reversible nosepieces for accurate alignment & easy to change objectives. Built in illumination system objectives – 5x10x45x100. Eyepieces 5x10xWF (Paired)
28.	Centrifuge	Precise speed control. Speed holding accuracy 100 RPM. Speed upto 10,000-12,000 RMM. Tube size 50ml. Head and Rotor-2 with 50ml and 100 ml tube size with polypropylene tubes. Quote with standard accessories. Digital speed maker and time display (0-99min.) digital display preset timer with bypass switch.
29.	Crude fiber apparatus	With all accessories suction pump.
30.	Incubator	6 cubic feet, Vol. 165 lt. temp. 5-60 °C, digital indicator cum controller with accuracy of 0.5 °C
31.	Sesal fiber Extraction machine (Different capacity)	
32.	Extendable ladder (Handalium)	
33.	Tree ladder Extendible with chain & Hook. (upto 70' ft.)	
34.	Gloves for wood working	
35.	Hand made paper/hard board/card board making machine.	
36.	Bamboo treatment plant (fabricated)	
37.	Wood seasoning unit (fabrication) steam seasoning & solar seasoning.	
38.	Bamboo spliter and smother unit.	
39.	Automatic Weather station with data logger and accessories	Capable of measurement and recording of Air temperature, Wind direction, Wind speed, Relative Humidity, Solar Radiation, rainfall and Evaporation etc. along with appropriate module for data transfer from data logger to PC
40.	Deep Bore Well	Drilling of 200 mm 150mm dia tube well in kinds of soil or rock area for installation of submersible pump etc. as per direction E/I (a) 0 to 50 (b) 50 to 100 Supply of 150 mm dia, casing pipe stands make TATA "B" class make etc as per direction. Cleaning flusing of Bore Hole and testing discharge of water development of continue of flasing etc. as per direction.

Sl. No.	Name of the Equipment	Specification
		<p>Supply of GI cover the casing with locking arrangement of softy tole and complete as per direction</p> <p>Supply and installation of 'ISI' mark K&B submersible pump with motor starter make three phase etc. as direction of E/I (a) 10HP (b) 5HP</p> <p>Supply of copper wire water proof 4sq. mm Fenolex make three phases etc. as per</p> <p>Supply of water level Guard with PVC copper wire etc. as per requirement as per</p> <p>Supply of Pipe TATA 'B' class in following size (a) 50mm dia (b) 40mm dia.</p> <p>Supply fitting & fixing of Gunmetal valve labour cost. Carriage fitting in proper place etc. all complete job in following size as per direction of E/I (a) 50 mm dia (b) 90 mm dia</p> <p>Supply fitting & fixing of 63 amp TPN switch standard make good quality etc. with labour cost L&T and standard make carriage etc.</p> <p>Supply and installation and commissioning of control panel board 3 phase L&T standard make quality etc. all complete job as per direction E/I (a) 10 HP (b) 5 HP (if required)</p> <p>Supply fitting & fixing of labour charge materials tools accessories for fitting of submersible pump panel board. TP & N switch with</p> <p>Earthing with copper wire complete etc. as per direction</p> <p>Service connection for pump house pole to panel armod cable 25 sq. mm 3.5 core as</p>
41.	Flaking Machine	Required for lab purpose. Suitable for making flakes of small millet like Ragi. Driven by motor 50kg/hr.
42.	Refrigerated high speed centrifuge	Table top, microprocessor control, speed range- 300-18000 rpm, temp. rang (-) 20°C to + 40°C & 60°C, SS chamber with full accessories.
43.	Data logging moister meter	Non destructive type, moisture % of almost all agricultural crops with auto calibration facility.
44.	Vertical refrigerated seed storage cabinet	Temp. and humidity control, temperature and humidity indicators, temp. range +4 to 40°C and humidity range 45% - 85%
45.	Precision Balance	Readability = 0.01/0.1mg, Capacity = 100/160 g with standard accessories.

Terms & Conditions

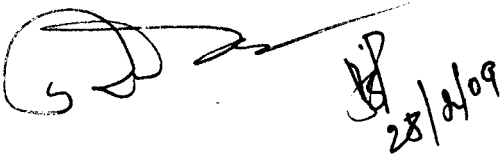
1. Tender must be submitted in two sealed envelopes for each item separately, technical bid with all supporting specifications and documents including EMI and 2nd envelop containing financial bid quoting prices inclusive of all taxes.
2. Tender must be sent in a sealed envelop with Tender Written on it in capital letters. The last date of submission must be mentioned on the envelop.
3. Tenders received after the due date and time will not be considered and are liable to be rejected without assigning any reason.
4. In case of more than one items for which quotations have been given, a list of items duly signed shall be enclosed alongwith documents (Abstract of quoted equipments).
5. The Central Purchase Committee reserves the right to reject any or all the tenders without assigning any reason.
6. The rate should be inclusive of all taxes as mentioned in Serial No. 1.
7. The rates will remain operative for six months from the date of placing supply order.
8. While quoting the rate, please be sure to mention your sale tax, (C. S. T./ J.S.T./ VAT) Registration number.
9. Any cutting and over writing, in the tender paper, should be attested and price may be quoted separately for each items otherwise it shall not be entertained.
10. No tender will be accepted without printed catalogue and complete literature with brand of concerned reputed firm.
11. The earnest money @2% of the total quoted value in shape of BD/ NSC in favour of Purchase Officer, Birsa Agricultural University, Ranchi only will have to be deposited alongwith the tender by the suppliers. Tenders received without earnest money will not be considered and are liable to be rejected without assigning any reason.
12. The security money @ 5% of the quoted value in shape of BD/NSC will have to be deposited by the supplier whose tender will be accepted.
13. Security money shall be forfeited if ordered items/ materials are not supplied in scheduled time and as per specification.
14. Payment will be released after supply of order items successfully.
15. Guarantee period must be mentioned for each item.



16. Place of delivery, FOR – Destination.
17. Time of delivery- 30 days after receiving supply order.
18. The sealed tender should be sent to Chairman, C. P. C., Birsa Agricultural University, Kanke, Ranchi – 834006, Jharkhand by Registered Post/ Speed Post/ Registered Courier only. No tender delivered by hand will be accepted.
19. A letter of authorization of dealership of the firm/ manufacture must be enclosed with the documents.
20. The Court of Ranchi Jharkhand State only will have the jurisdiction to deal with and decide any legal matter of depute what so ever arising or of in dispute of the control.
21. Name of the manufacturer, manufacturing the equipment with full address may please be mentioned.
22. In case of unforeseen circumstances the tender will be opened on the next working day.

I have read the terms and conditions of the tender, as given above, very carefully and shall all abide by the same.

Signature of the tender with stamp



Handwritten signature and date: 28/2/09