



**DHAANYAGANGA KRISHI VIGYAN KENDRA  
(MURSHIDABAD ADDITIONAL)**

Ramakrishna Mission Vivekananda Educational & Research Institute, Belur Math, Howrah  
(Deemed-to-be-University as declared by the Government of India under Section 3 of UGC Act, 1956)

**RAMAKRISHNA MISSION ASHRAMA, SARGACHHI  
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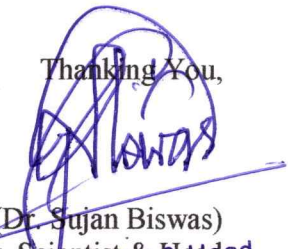
**Notice inviting quotation**

Sealed quotations are hereby invited from the eligible suppliers for the purchase of following instruments and equipments as annexed herewith within 15 days of publication of this notice. The Suppliers will have to meet the following terms and conditions;

**Terms & Conditions:**

1. Bidders have to submit sealed quotation within 15 days from the date of notification.
2. The quotations will be received only through speed post/ registered post/ representative of the company
3. The bidders must have a legal register entity registered in India (Attach document).
4. The bidder must produce with their bid PAN, Goods & Services Tax identification no. (GSTIN).
5. Documents of supplying these kind of instrument to any Govt. /Govt. sponsored Institution should have to annexed with quotation.
6. The warranty/guarantee period should be depicted clearly for each instrument
7. The authority has every right to change or postpone the date of opening bid.
8. The items must be supplied within 30 days of issue of supply order.
9. The payment will be made only after successful installation and demonstration.

Thanking You,

  
(Dr. Sujan Biswas)  
Sr. Scientist & Head  
Dhaanyaganga KVK, RKMVERI  
RKMA, Sargachhi, Murshidabad

Encl: Annexure

## **Annexure**

### **1. Mini Honey Processing Plant (200 kg per shift):**

Consisting of MS Control Panel (1 no.), SS Channel and Angle Structure (1 no.), Pre-Heating Tank in Coil Shape (1 no.), Microfine replaceable Cartridge Filter press with gear Pump (1 no.), Processing Tank with NB Coil (1 no.), Falling Film Evaporator with MS Stand (1 no.), Moisture Condensing Unit (2 no.), Water Ring Vacuum Pump 5 HP with Water Pump (2 no.), Cooling Tank with NB Pipe Coil (1 no.), Settling Tank, Set of SS Pipes for Honey Piping (1 no.), Set of Pipes with specials for Water Pump Lifting.

#### **Specification:**

1. Prefilter tank: One number stainless steel prefilter tank having thickness of 1.6 mm with volumetric capacity of 150 kg along with 500-micron mesh.
2. Gear pump: Made with stainless steel body and with output capacity of 200 lit per hour.
3. Drive motor: 2 HP, 3 phase 1440 rpm make Crompton.
4. Preheating tank: Made from 2 mm thick stainless-steel sheet with heater.
5. Microfine filter: Full stainless-steel self-locking high-pressure filter which has poly propylene filter made of 40-micron size.
6. Processing tank: Made from 2 mm thickness stainless steel sheet. One additional sheet of coil will be provided for processing tank.
7. Crompton make water circulation pump 0.50 HP, mono black with 18 M Head, 230-volt AC single phase mechanical seal.
8. Falling film evaporator: Made from 3 mm thick stainless-steel sheet concentric cone in side subject to vacuum and ensuring falling film to evaporate moisture (twin type).
9. Cooling tank: Made from 1.5 mm thick stainless-steel sheet, exactly same as preheating tank.
10. Settling tank: Made from 2mm thick stainless-steel sheet, top and bottom dished end fully leak proof with brass earthing bolt to prevent electric shocks.
11. Control panel: Having cut off MCB, control circuit fuses and MCB in each time to protect wiring with brass earthing bolt to prevent electric shock.
12. Water ring pump: 5 HP 3000 rpm 440 volts AC. Kirloskar make 750 mm vacuum.
13. SS Chasis made out of 75 x 40 MS Channel in 2 parts

### **2. Single Head Piston Filter for Honey in Glass Bottles:**

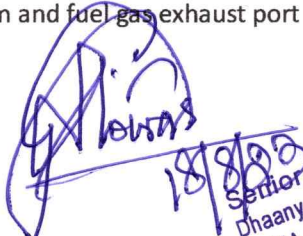
All parts are made from 304 type stainless-steel supported on mild steel angle structure covered with stainless-steel sheet. Will be operated by 2 HP motor with gear box having filling capacity 50 ml to 500 ml. Filling speed 20 bottles per minute.

### **3. Twist off Lug Cap Sealing Machine:**

100% leak proof air tight sealing. Designed in way to hermetically seal bottles products with twist off/vacuseal lug cap to preserve taste and flavour. Semi automatic manual and pneumatic working having capacity of 800 bottles per hour (for 250 to 500 gm)

### **4. Automatic Steam Boiler:**

Complete with fuel tank of 200 lite, chimney – 6 meter, water treatment plant, soft water day tank-2000 litre cap, water pipeline from water tank to boiler with blow down valve and fuel pipeline from tank to burner. Capacity 300 kg/hour from feed water at 30 degree celcius, working pressure 7-15 kg/sq.cm, electrical load 1.5 KW, main steam stop valve 40 mm and fuel gas exhaust port 300 mm.

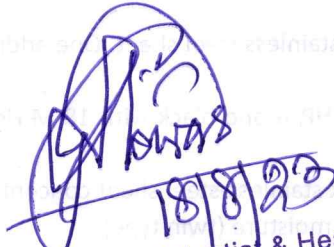
  
18/8/20  
Senior Scientist & Head  
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Scope of supply – feed water side (water pump with motor and pulley mounted on the skid, feed water piping, feed water pump pressure gauge, feed water pressure relief valve, strainer, non-return valve, temperature indicator, magnetic level switch. Fuel side – Monobloc fully automatic HSD/LDO fired burner. Mounting and fittings-Main steam stop valve, by pass steam valve, steam safety valve, blowdown valve etc. Pre-wired control panel.

**5. Pet Bottle Moulding Machine:**

Model Number: npm-as-1c-1b

1. Semi-automatic up to 2 lit 2 cavities with 1 blower 1 infra-red. Heating conveyor with auto drop and one inside heater. Sper silent system. Production 1200 to 1400 BPH. Neck size: 25 mm to 28 mm. Height up to 360 mm & dia up to 150mm. Total electricity Required: 30 KW/ 40. Blowing pressure-25 kgs. 20 HP Air Compressor/54 CFM.
2. Supporting Ancillaries Require: 20 HP Air Compressor/54 CFM/25 kg sq. cm with specification of air receiver 500 lit, working pressure (PSIG): 370 Psig (25 kg/sq. cm), electrical condition 15 KW (3 phase).

  
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