

## ANNEXURE-I

### Specification of Machinery and Equipment

| Sl No | Item   | Specification  | Capacity        | Qty. (Nos) |
|-------|--|--|-----------------|------------|
| 1     | Honey processing plant                                   | <p>A) Honey Processing Unit should complete with all accessories like Storage Tanks, Honey Melters, Pre heating/Heating tanks with necessary pumps, motors and piping's, Heat Exchangers, Coarse and fine filters, Honey Cooler and all other different motors, pumps, tanks of required capacity, Homogenizer with the provision of application of pressure, pasteurizer, cooler and all other necessary accessories of high grade quality.</p> <p>All the storage and other tanks including all pipes and fittings shall be made of stainless steel of grade SX304 and all the contact surfaces are to be made of grade SS316.</p> <p>B) End product specification-Moisture content should be less than 18% while all other physical parameters (Colour, flavor, viscosity, specific gravity) should remain unaltered.</p> | 1000kg<br>/8hrs | 1          |
| 2     | Bottling Plant Unit                                      | <p>Semiautomatic two head volumetric liquid filling Machine ranging from 50ml to 1000ml by changing syringes with accuracy around 1% with capacity 10-15 fills/minute.</p> <p>All contact parts with product are to be made of stainless steel SS316 and non-contact parts to be made of stainless steel of grade SX304.</p> <p>The Plant should include semiautomatic (Motorized)/Pneumatic cap sealing machines capable of sealing and threading of 22-68 mm caps with supply of requisite motors and its drive, semiautomatic label gumming and pasting machine including its accessories suitable for the bottles 50ml to 1000ml.</p>  |                 | 1          |
| 3     | Automatic Comb Foundation Mill (computerized comb print) | S.S. 304 & alloy roller  | 200kg<br>/day   | 1          |
| 4     | Pollen Dryer (Electric operator)                         | Stainless Steel  | 25kg<br>/day    | 1          |

## Laboratory equipments:

| Sl. No. | Name of the equipments & specifications | Quantity |
|---------|---|----------|
| 1       | Apparatus(Glass ware)                   | 1 Set    |
| 2       | Honey Refractometer                     | 1 no.    |
| 3       | Electronic analytical balance(150gm)    | 1 no.    |
| 4       | Muffle furnace                          | 1 no.    |
| 5       | Water distillation unit(SS)2 LIT/PH     | 1 no.    |
| 6       | Oven (Air oven)                         | 1 set    |
| 7       | Water bath                              | 1 no.    |
| 8       | Spectrophotometer (Single beam)         | 1 no.    |