

## ANNEXURE-III

### Instrument for ICU

<b>Sl. No.</b>	<b>Name of Instrument for ICU</b>
1	Air Fumigator
2	Suction Machine
3	Laryngoscope
4	Nebuliser
5	Glucometer
6	Air Viva (Ambu Bag)

# **INSTRUMENT FOR ICU WITH SPECIFICATION**

## **1. AIR FUMIGATOR (A4)**

### **(B) Detailed specifications**

- Should have minimum Fumigation Time.
- Light weight and portable.
- Easy to operate.
- Virtually no maintenance required.
- Negligible power consumption.
- Should have higher stability of Aerosol.
- Corrosion resistant body.

## **2. SUCTION MACHINE (A6)**

### **(B) Detailed specifications**

#### **Suction Apparatus (Electrical)**

1. High vacuum suction unit run on electricity.
2. With two suction jars of approx 3 liters capacity each.
3. Auto cut off device for preventing entry of fluid in pump.
4. Fast and efficient jar change facility.
5. Easy access and control
6. It should be heavy duty and noiseless.
7. Should be able to create desired maximum vacuum in- least possible time.
8. One plastic suction jar cover, steam sterilisable to be provided extra.
9. Two extra suction jars (Plastic) of capacity 3 liters should be quoted with accessories like lid, tubing etc.
10. Device is produced by ISO certified manufacturer
11. Device is safety certified according CE , FDA or equivalent

## **3. LARYNGOSCOPE (B1)**

### **(B) Detailed specifications**

Technical Specifications:

1. Laryngoscope set with macintosh 0-5 blades and with Miller 0-1 blades.
2. Constituted of large hollow, cylindrical, slightly ribbed handle and a set of depressors in stainless steel.
3. Handle is made of either chromium-plated or stainless steel and can be opened at an extremity to insert two alkaline batteries (LR14, size C, 1.5 Volts). The other end has a stud contact which fits the various sizes and types of depressors.

4. 2 x curved depressors, Macintosh type No.0,1,2,3,4,5 approx 80 mm, 92 mm, 100 mm, 130mm, 155mm,178mm length respectively with halogen bulb
5. 2 x straight depressors, Miller type No. 0,0.5,1 approx 75 mm, 88 mm, 102 mm length respectively with halogen bulb.
6. Presented in suitable protective plastic box
7. Device is produced by ISO 9001 certified manufacturer

Supplied with:

- 2 x spare halogen bulbs (1 for each depressor)

#### **4. NEBULISER (B2)**

##### **(B) Detailed specifications**

- Nebulizer capacity : Particles size 0.5 to 2.0 micrp. 2cc in 7 minutes.
- Residual pressure : Air out put 12 liters per min 0.95 bar.
- Maximum pressure 2.5 bar, 60 minutes work
- Non continuous use
- Builtin filter 30 min rest safety. Thermal cutout for safety.

#### **5. GLUCOMETER (B3)**

##### **(B) Detailed specifications**

1. Compact, fast, user friendly, with LED display.
2. Battery backup for 30 days post recharge,
3. Blood sugar reading with in 30 seconds of sampling.
4. Memory of at least 24 hrs or last 100 readings with time details.
5. Strips to be easily available with lancet, cheap and minimal blood application.
6. Unit should conform BIS/ ISI / CE /FDA equivalent standards. strips should be rate contracted.

#### **6. AIR VIVA (AMBU BAG) (B4)**

##### **(B) Detailed specifications**

1. Ambu bag must be autoclave
2. Bag made of silicon, latex free double layered rubber which retains sensitivity and resistant to rough use.
3. Inlet end of bag should have separate port for oxygen supplement.
4. Outer port should be such that re-breathing valve or non return valve can be attached.
5. Should be supplied with oxygen reservoir bag and deliver tidal volumes of 250/500/750/1000 ml.
6. Should supply with all standard Face mask adoptable.