

## **FIBRE OPTIC BRONCHOSCOPE WITH LIGHT SOURCE AND CAMERA**

1. Should have minimum 100° field of view.
2. Should have a depth of field of 3 to 50 mm
3. The insertion tube should have maximum 6mm diameter.
4. Should have at least 180° upwards and 130° downwards angulations.
5. Should have a working length of 600mm.
6. Should have an instrument channel of at least 2.2mm inner diameter.
7. Should have a light guide illuminating system.
8. Should be supplied with all standard accessories including different type of biopsy forceps, cleaning brushes and storage box.

### **DIGITAL CAMERA SYSTEM**

1. Should be a single chip camera technology.
2. Should have two composite video outputs and one S-video output.
3. Should have anti-moister filter for fibre scopes.
4. Should have fully automatic exposure control.
5. Should have automatic white balance with memory function.
6. Should have horizontal resolution of more than 450 lines.
7. Should provide compatible optical interface for the fibre bronchoscope supplied.
8. Should be supplied with 15" CRT flat TV monitor (Medical Grade).
9. Should work with input 200 to 240Vac 50 Hz supply.

### **LIGHT SOURCE**

1. Should be a halogen light source with minimum 150W light output.
2. Should have manual light intensity control.
3. Should have dual fan cooling system.
4. Should have two lamps of 150W and should have provision to change over in the event of failure from one lamp to another.

5. Should work with input 200 to 240Vac 50 Hz supply.

**OTHERS**

1. Should be supplied with suitable trolley

2. Trolley should have at least 5 power sockets to connect the camera, monitor etc. The product must be CE/USFDA approved.