

## **Technical Specifications- Binocular Microscope**

- 1- Binocular microscope containing two viewing tubes each with one wide field eyepiece (10X): along with one additional viewing tube (trinocular head) for camera attachment : with following components and accessories-.
- 2- Co-axial low drive Mechanical stage .
- 3- Smooth coaxial coarse and fine motion
- 4- ILLUMINATION BASE – LED with adjustable brightness.
- 5- Quadruple nose piece with adjustable inter-ocular space .
- 6- Condenser With aperture diaphragm, with filter Holder and blue filter.
- 7- High quality semi plan objectives: 4 x, 10 x, 40x & 100x (oil immersion).
- 8- 30 degree Inclined, viewing head.
- 9- High Definition digital camera with resolution equal to or more than 20 megapixel with facility for video preview and rechargeable battery along with video cable, Tv tuner box of reputed make(to simultaneously connect camera and personal computer to LCD monitor through VGA port),and attachment device(adopter) to fix the camera with additional viewing tube.
- 10- Vendor has to support the specifications with manufacturer's brochure failing which offer will be rejected. Vendor has to demonstrate the equipment at BHEL General Hospital, Hyderabad within specified time limit, if asked for; failing which offer will be rejected. Quality of objectives and mechanical parts will be checked during demonstration by a qualified pathologist (MBBS,MD/Pathology or MBBS,DCP) appointed by BHEL, as the quality of Optics and mechanical parts can only be judged by individual inspection. Decision of Pathologist attending the demonstration will be final.