

## **Tender For Binocular Compound Microscope**

### **Specifications:**

- **Body:** Binocular, sturdy, stable base body with focus adjustment controls.
- **Eye piece:** Paired, high quality, achromatic, wide field, 10x with inbuilt pointer.
- **Optical system** should be infinity corrected.
- **System complete with illumination system** is required.
- **Objective:** Three objectives 10x, 40x, 100x. 10x and 40x objectives should have numerical apertures of 0.25 and 0.65 respectively. 100x should have numerical aperture of 1.25.
- **Nose piece:** Revolving nose piece to accommodate a minimum of three objectives with click stops. It should be provided with ribbed grip for easy rotation mounted on a precision ball bearing mechanism for smooth and accurate alignment.
- **Stage** uniformly horizontal, mechanical stage having dimensions of length 140 mm (+/- 20mm). The stage should be provided with spring loaded slide holder for exact positioning of specimen/ slide. The stage should have ball-bearing arrangement to allow smooth travel in transverse directions i.e. 80 mm (+/-10mm) and front to back direction, 50mm (+/- 10mm).
- The system should have a build-in variable light source (Illuminator). This light source should have a 20 W, 6 V Halogen lamp.
- All consumables required for installation and standardization of system and microscope cover to be given free of cost.
- Three years warranty, 5 yrs comprehensive AMC should be quoted.
- Point wise technical compliance statement should be attached.
- Microscope details shall be available on manufactures website with catalogue.