(A)

## SPECIFICATIONS OF BINOCULAR UPRIGHT COMPOUND MICROSCOPE

1) Microscope should be with infinity corrected optical system with anti-fungus treatment.
2) Built-in Transmitted light illumination with 6V 20W or above illuminator.
3) External main power supply with electronic main control from 110V to 240V.
4) Carrying handle should be built-into the stand.
5) Backward inclined (away from the operator) Quadruple revolving nosepiece with precision click stops.
6) ABBE Condenser with numerical aperture 1.25 with built-in aperture diaphragm.
7) Rackless or ball bearing mechanical stage for durability and ease of use. Traveling range of the stage should be 75/76 mm(X) 30mm(Y).
8) Binocular Observation tube Inclined at 30 degrees. Interpupillary distance should be variable between 48 mm to 75mm or better.
9) Paired Eyepieces with 10x magnification, field of view 18mm or more and should be suitable for spectacle wearers.
10) High contrast Fully Plan Achromatic objectives, 4x/0.10, 10x/0.25, 40x/0.65 and 100x/1.25 oil.
11) Microscope should be upgradeable for incident light LED fluorescence techniques.
12) Microscope should include daylight filter, immersion oil and dust cover.
13) The manufacturer should have ISO 9001, 14001, CE & CSA Certification.
14) Demonstration of the system will be the essential criteria for Technical Evaluation.
15) 5 year comprehensive warranty.