

## Appendix-I

Sr. No.	Name of the item with Specification	Qty.
1	<p data-bbox="283 259 566 293"><b>Optical Microscope</b></p> <ol data-bbox="283 349 1263 1283" style="list-style-type: none"><li data-bbox="283 349 1016 383">1. The system should be completely standalone model.</li><li data-bbox="283 409 1263 477">2. The microscope should be upright having bright and dark field imaging facilities.</li><li data-bbox="283 504 1263 571">3. Magnification of the objective lenses required to be 5x, 10x, 20x, 40x, 60x, 100 xs.</li><li data-bbox="283 598 992 631">4. A turret nose piece accommodating six objectives.</li><li data-bbox="283 658 984 692">5. Wide field magnification of the eyepiece 10x, 20x.</li><li data-bbox="283 719 856 752">6. Illuminating capacity of 100W or more.</li><li data-bbox="283 779 1263 846">7. Stage size of 150 x 150 (mm) or more, equipped with mechanical stage movement.</li><li data-bbox="283 873 1263 940">8. The microscope should have adjustable up top fine focus with least count range of at least 2 <math>\mu</math>m.</li><li data-bbox="283 967 1212 1001">9. Color filter (yellow, Blue, Green, etc.) set for choice of wave length.</li><li data-bbox="283 1028 1263 1095">10. The microscope should have achromatic field of view in the range of 10xs.</li><li data-bbox="283 1122 1023 1155">11. The microscope should have 360° rotatable analyzer.</li><li data-bbox="283 1182 978 1216">12. Dust cover must be enclosed with the instrument</li><li data-bbox="283 1243 738 1276">13. Set of 5 - 10 polished samples.</li></ol>	03 Nos.