

## Appendix-I

Sr. No.	Name of the item with Specification	Qty.
1	<p><b>Optical Microscope</b></p> <ol style="list-style-type: none"> <li>1. LED Based Inverted Metallurgical Microscope with Reflected Light Bright field (Upgradable with HD Camera)</li> <li>2. The system should be completely standalone model.</li> <li>3. The microscope should be inverted having Imaging facilities.</li> <li>4. Magnification of the objective lenses required to be 5x, 10x, 20x, 40x, 60x/63X, 100 x.</li> <li>5. A turret nose piece accommodating Minimum 5X objectives.</li> <li>6. Wide field magnification of the eyepiece 10x/20mm. (One with Spectacle wearer)</li> <li>7. Led Lamp 35W Illuminating with constant colour temperature at Minimum 4500 K.</li> <li>8. Standard Inverted Metallurgical Stage.</li> <li>9. The microscope should have adjustable up top fine focus with least count range of at least 2 <math>\mu\text{m}</math>.</li> <li>10. The microscope should have achromatic field of view in the range of 10x.</li> <li>11. Dust cover must be enclosed with the instrument</li> <li>12. Set of 5 - 10 polished samples. (optional)</li> <li>13. Supplier must also ensure the availability of critical spare for at least 10 years.</li> </ol>	03 Nos.