

Appendix

Sr.No.	Detailed Description of the Item	Qty.
1.	<p data-bbox="294 331 958 365"><u>Specifications for UV-VIS spectrophotometer</u></p> <ul style="list-style-type: none"> <li data-bbox="338 421 1295 488">• The equipment should have Wavenumber Range: 200-1100 nm or better. <li data-bbox="338 517 1295 584">• UV-VIS spectrophotometer having true double beam with photo silicon diode array (with grating 1200 lines/mm) should be quoted. <li data-bbox="338 613 1295 680">• A single 10x10 mm cuvette holder in the sample and reference position should be supplied with the system <li data-bbox="338 710 843 743">• Stray light should be less than 0.05%. <li data-bbox="338 772 1091 806">• The spectral bandwidth should not be greater than 1. <li data-bbox="338 835 1295 902">• The wavelength accuracy should be ± 0.3 nm or better and repeatability should be ± 0.2 nm or better <li data-bbox="338 931 1295 999">• Light source should be Tungsten halogen and deuterium Lamps or Xenon flash Lamps (Pre-aligned). <li data-bbox="338 1028 1295 1095">• The system should contain automatic baseline correction, source and cell optimization facility. <li data-bbox="338 1124 1295 1191">• The system should work as a standalone as well PC control software which should be provided with the instrument. <li data-bbox="338 1220 1295 1288">• Instrument should be controlled with computer based software compatible with Windows XP or Windows 7/ Windows 8 and 10. <li data-bbox="338 1317 1295 1384">• A multifunctional monochrome Laser Printer with Auto-Duplex Printing must be provided with the system. <li data-bbox="338 1413 953 1447">• The light source should have 2 years warranty. <li data-bbox="338 1476 1219 1509">• The system must have at least 1 year annual maintenance contract. <p data-bbox="294 1538 686 1572">Accessories to be supplied:</p> <ul style="list-style-type: none"> <li data-bbox="338 1601 691 1635">• Glass cuvettes- A set of 4 <li data-bbox="338 1664 503 1697">• Dust cover <li data-bbox="338 1727 597 1760">• Operation manual <li data-bbox="338 1789 577 1823">• Software manual <li data-bbox="338 1852 514 1886">• Mains Lead <li data-bbox="338 1915 711 1948">• USB Lead for PC Interface <li data-bbox="338 1977 1213 2011">• PC software on CD ROM with USB connection cable and a dongle 	01 Unit