

EQUIPMENT 1: GAS CHROMATOGRAPHY – HEADSPACE – MASS SPECTROMETRY (Ei/Ci) – FLAME IONISATION DETECTOR (FID) SYSTEM

Description & Specifications		Compliance Checklist (Please tick Yes/No for compliance to specifications)		
Equipment 1: Gas Chromatography - Headspace – Mass Spectrometry (Ei/ Ci) – Flame Ionisation Detector (FID) System Quantity: 1 unit Location: Cosmetics Laboratory		Yes	No	If No, please specify.
	5. Provides maintenance and troubleshooting support and graphic-aided, step-by-step instruction checklist which simplifies maintenance and helps the user to diagnose the instruments if required. 6. Integrated report generator with full spreadsheet functionality. 7. Upgradable to user management system with unlimited user levels. 8. Supports single analysis and batch analysis, batch table wizard, add or insert analyses. 9. Able to acquire data, integrate, review and report on an actively running sample with snapshot or real-time monitoring function. 10. At least 3 LAN cards ports ; to support all the network connections. Computer and printer: The computer controlling and operating the system shall minimally consist of the following configuration or its equivalent or better, with standard warranty. 1. CPU with 3.2 GHz speed Intel Xeon processor, 4GB RAM and 500GB HDD. 2. Graphics: Intel HD Graphics P4600 3. Lan I/O: Integrated Intel 82579LM Gigabit Network Connection 4. Energy Star 5.0 enabled and qualified. 5. Licensed windows operating system – Windows 7 professional or latest version pre-installed with installation CD/ recovery disk included. 6. Microsoft Office – latest version pre-installed with installation CD included. 7. Anti-virus software pre-installed. 8. All necessary computer interfaces, cables, connectors and software drivers to be provided. 9. At least 20-inch flat screen wide monitor. 10. USB optical scroll mouse and mouse pad 11. USB keyboard 12. Able to integrate (seamlessly) with software system and to provide necessary accessories required for this integration (e.g. network card and etc.). 13. Network Colour Laser Jet printer with automatic duplex printing, at least 30ppm print speeds (letter/ A4), resolution of 1200 x 1200 dpi, 1.2GHz processor, 1G memory), allow network printing, , hi-speed USB 2.0 , or better.			
	h. MISCELLANEOUS – ACCESSORIES The offer shall include the following accessories: 1. GC startup kit 2. Leak test kit 3. One unit of moisture trap, oxygen trap and hydrocarbon trap 4. GC Headspace vials (≥ 22 mL) and caps with septa x 100 pieces.			