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| NO. | ITEMS | REQUIREMENT SPECIFICATION | MANDATORY | COMPLIANCE | TENDER’S PROPOSAL |
|  |  | PLATFORM -> ANDROID |  |  |  |
| 1.0 | Brand | Samsung Galaxy Note 8 |  |  |  |
| 1.1 | Announced and launched | 2017, August  (Available, Released 2017 , September) |  |  |  |
| 1.2 | Network - Technology | Technology:    GSM / HSPA / LTE  2G bands:   * GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 (dual-SIM model only)   3G bands:   * HSDPA 850 / 900 / 1900 / 2100   4G bands:   * LTE   Speed:     * HSPA 42.2/5.76 Mbps, LTE-A (4CA) Cat16 1024/150 Mbps   GPRS:   * Yes   EDGE:   * Yes |  |  |  |
| 1.3 | Body | Dimensions:   * 162.5 x 74.8 x 8.6 mm (6.40 x 2.94 x 0.34 in)   Weight:   * 195 g (6.88 oz)   Build :   * Corning Gorilla Glass 5 back panel   SIM :   * Single SIM (Nano-SIM) or Hybrid Dual SIM (Nano-SIM, dual stand-by)     - IP68 certified - dust/water proof over 1.5 meter and 30 minutes  - Stylus  - Samsung Pay (Visa, MasterCard certified) |  |  |  |
| 1.4 | Display | Type :   * Super AMOLED capacitive touchscreen, 16M colors   Size:   * 6.3 inches (~83.2% screen-to-body ratio)   Resolution:   * 1440 x 2960 pixels (~521 ppi pixel density)   Multitouch:   * Yes   Protection:   * Corning Gorilla Glass 5   - HDR10 compliant  - 3D Touch (home button only)  - Always-on display |  |  |  |
| 1.5 | Platform | OS:   * Android 7.1.1 (Nougat)   Chipset:   * Exynos 8895 Octa - EMEA   Qualcomm MSM8998 Snapdragon 835 - USA & China  CPU:   * Octa-core (4x2.3 GHz & 4x1.7 GHz) – EMEA * Octa-core (4x2.35 GHz Kryo & 4x1.9 GHz Kryo) - USA & China   GPU:   * Mali-G71 MP20 - EMEA   Adreno 540 - USA & China |  |  |  |
| 1.6 | Memory | Card slot - microSD, up to 256 GB (dedicated slot) - single-SIM model  microSD, up to 256 GB (uses SIM 2 slot) - dual-SIM model  Internal - 64/128/256 GB, 6 GB RAM |  |  |  |
| 1.7 | Camera | Primary :   * Dual 12 MP (26mm, f/1.7, PDAF & 52mm, f/2.4, AF), OIS, autofocus, 2x optical zoom, dual-LED (dual tone) flash, check quality   Features:   * 1/2.55" sensor size, 1.4 µm pixel size @ 26 mm * 1/3.6" sensor size, 1.0 µm pixel size @ 52 mm * Geo-tagging, simultaneous 4K video and 9MP image recording, touch focus, face/smile detection, Auto HDR, panorama   Video:   * 2160p@30fps, 1080p@60fps, 720p@240fps, HDR, dual-video rec., check quality   Secondary:   * 8 MP, f/1.7, autofocus, 1/3.6" sensor size, 1.22 µm pixel size, 1440p@30fps, dual video call, Auto HDR |  |  |  |
| 1.8 | Sound | Alert types:   * Vibration; MP3, WAV ringtones   Loudspeaker:  - Yes  3.5mm jack:  - Yes    - 32-bit/384kHz audio  - Active noise cancellation with dedicated mic |  |  |  |
| 1.9 | Comms | WLAN:   * Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot   Bluetooth:   * 5.0, A2DP, EDR, LE   GPS:   * Yes, with A-GPS, GLONASS, BDS, GALILEO   NFC:   * Yes   Radio:   * No   USB:   * 3.1, Type-C 1.0 reversible connector |  |  |  |
| 2.0 | Features | Sensors :   * Iris scanner, fingerprint (rear-mounted), accelerometer, gyro, proximity, compass, barometer, heart rate, SpO2   Messaging:   * SMS(threaded view), MMS, Email, Push Mail, IM   Browser:   * HTML5   Java:  - No  - Samsung Desktop Experience support  - Fast battery charging (Quick Charge 2.0)  - Qi/PMA wireless charging (market dependent)  - ANT+ support  - Bixby natural language commands and dictation  - MP4/DivX/XviD/WMV/H.265 player  - MP3/WAV/WMA/eAAC+/FLAC player  - Photo/video editor  - Document editor |  |  |  |
| 2.1 | Battery | Non-removable Li-Ion 3300 mAh battery  Talk time:   * Up to 22 h (3G)   Music play:   * Up to 74 h |  |  |  |
| 2.2 | Misc | Colors:   * Midnight Black, Maple Gold, Orchid Grey, Deep Sea Blue, Star Pink (Taiwan only)   Price:   * About 1000 EUR   (RM 3,999.00) |  |  |  |
| 2.3 | Test | Performance:   * Basemark OS II: 3374 / Basemark OS II 2.0: 3333   Basemark X: 40890  Display:   * Contrast ratio: Infinite (nominal), 4.148(sunlight)   Camera:   * Photo / Video   Loudspeaker:   * Voice 67dB / Noise 69dB / Ring 71dB   Audio quality:   * Noise -92.5dB / Crosstalk -93.2dB   Battery life:   * Endurance rating 89h |  |  |  |
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