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OUA MEMO 00-0620-0030
MEMORANDUM
08 June 2020

For:	**Members of the Execom and Mancom**
	Schools Division Superintendents
	Regional/Division/School Information Technology Officers
	Public Elementary and Secondary School Heads
	All Others Concerned
Subject:	**MINIMUM SPECIFICATIONS FOR ICT EQUIPMENT AND INTERNET SERVICES TO BE DONATED TO SCHOOLS, TEACHERS AND/OR LEARNERS, MICROSOFT LICENSING, AND DONATION MATTERS**

The Office of the Undersecretary for Administration, through the Information and Communications Technology (ICTS), recommends the attached **minimum specifications for laptops, desktops, tablet PCs, tablets, smartphones and internet services that will be donated** to public schools, teachers and/or students. These minimum specifications will facilitate the conduct of distance education under the COVID-19 pandemic and such other emergencies in the future, and will be appropriate to digital contents and software applications that will be installed by DepEd.

There is no need to purchase Microsoft Office as DepEd already has a special Volume Licensing Arrangement that allows the said software to be installed in all devices used in public schools.

Upon request, **DepEd can arrange an "Email of Eligibility" for donors from Microsoft that can be provided to device manufacturers to build fresh devices with discounted Windows 10 Operating System**.

Moreover, donors or benefactors are encouraged to **indicate whether the provision of ICT gadgets are given by way of donation or by commodatum**. In the case of donations, it is recommended that such be made through a Deed of Donation, in favor of the Schools Division Office (SDO) or the schools themselves (if these schools are implementing units), for purposes of proper recording and accountability. In the case of commodatum, the same should be made, through

written agreement, in favor of the Schools Division Office (SDO) or the schools themselves (if these schools are implementing units), also for purposes of proper recording and accountability. However, the benefactor, is not precluded to make donations directly in favor of the teachers and students, in which case, the DepEd is under no obligation to undertake monitoring and control of inventory or render final accounting of the items.

Upon request, DepEd may also provide copies of terms of reference and bidding documents that have been used in previous successful procurements of ICT equipment for ready reference of the donor.

For guidance and reference.

ALAIN DEL B. PASCUA
Undersecretary

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LAPTOP FOR TEACHERS **(or DESKTOP FOR STUDENTS)**	
MINIMUM TECHNICAL SPECIFICATIONS	
Processor	• 1.6Ghz Based Speed, with Turbo Speed
Memory	• 8 GB RAM
Monitor	• Screen Size: 13 inches • Resolution: 1920 x 1080 *(Full HD)*, 1080p • Anti-Glare LED-Backlit or IPS Technology
Storage	• 512 GB HDD SATA
Audio	• 6Ω/1W Speaker x 2 Built-in Speakers • ∮ 3.5mm standard headphone jack
Camera	• Built-in (separate for desktop)
Connectivity	• Wireless LAN 802.11 b/g /n/ac • Bluetooth
Ports	• 1 x USB 3.0 • 1 x SD / Micro SD • 1 x Combo Audio jack • 1 x HDMI / Micro HDMI
Keyboard	• US English Layout • Standard Size
Mouse	• Optical • Wireless (or with wire for desktop)
Headset	• Over-the-Head • 3.5mm audio jack connection
Touchpad	• Multi-touch or Touch Pad with 2 Buttons (none for desktop)
Power Adapter	• Type-C or Standard AC/DC Adapter
HDD Partition	• Drive C (system) and Drive D (data).
Reset	• Any key to restore the Host Laptop in its original system state in case of breakdown
Preference	• Preferably branded, and if volume may allow, casing should be Cyan Blue: CMYK (71,53,0,12) as anti-fencing measure.

2-in-1 TABLET PC (Recommended for Junior and Senior HS Students)	
MINIMUM TECHNICAL SPECIFICATIONS	
Device Type	• Convertible or Detachable Keyboard
Processor	• 1.1GHz Base Clock speed, with Turbo Speed
Memory	• 4GB DDR3
Monitor Display	• Screen Size: 10.0 inches • Resolution: 1024x720 HD • Anti-Glare LED-Backlit or IPS Technology
Storage	• Internal: 32 GB
Audio	• 6Ω/1W Speaker x 2 Built-in Speakers • ∮ 3.5mm standard headphone jack
Camera	• Built-in
Connectivity	• Wireless LAN 802.11 b/g /n/ac • Bluetooth
Ports	• 1 x USB 2.0 or USB 3.0 • 1 x HDMI/micro HDMI • 1 x Combo Audio Jack
Keyboard	• US English Layout • Standard Size
Mouse	• Optical • Wireless
Headset	• Over-the-Head • 3.5mm audio jack connection
Touchpad	• Multi-touch or Touch Pad with 2 Buttons
Power Adapter	• Type-C or Standard AC/DC Adapter
Preference	• Preferably branded, drop-proof and waterproof, and if volume may allow, casing should be Cyan Blue: CMYK (71,53,0,12) as anti-fencing measure.

TABLET	
MINIMUM TECHNICAL SPECIFICATIONS	
Processor	• Quad-core 1.3 GHz
Memory	• 2 GB
Display Size	• 8 inches
Display Type	• IPS LCD Display
Display Resolution	• 800 x 1280 Pixels
Storage	• 32 GB
Camera	• Front and Rear
Network	• 4G LTE (Optional, Preferred) • Wi-Fi 802.11 b/g/n • Bluetooth
Interface	• Micro USB or Type C • 3.5mm Audio Jack
Operating System	• Android 9.0
Preference	• Preferably branded, and if volume may allow, casing should be Cyan Blue: CMYK (71,53,0,12) as anti-fencing measure.

SMARTPHONE	
MINIMUM TECHNICAL SPECIFICATIONS	
Processor	• Octa-core 2.0 GHz
Memory	• 2 GB
Display Size	• 6 inches
Display Type	• IPS LCD Display
Display Resolution	• 720 x 1520 Pixels
Storage	• 32 GB
Camera	• Front and Rear
Network	• GSM / HSPA / LTE • Wi-Fi 802.11 b/g/n • Bluetooth
SIM	• Dual SIM
Interface	• Micro USB or Type C • 3.5mm Audio Jack
Operating System	• Android 8.1
Preference	• Preferably branded, and if volume may allow, casing should be Cyan Blue: CMYK (71,53,0,12) as anti-fencing measure.

MINIMUM INTERNET SERVICES		
Teacher	• P500 per month	• 10 GB Bandwidth
Student	• P300 per month	• 6 GB Bandwidth