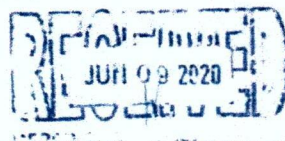


Republika ng Pilipinas  
**Kagawaran ng Edukasyon**  
 Tanggapan ng Pangalawang Kalihim



**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

**Office of the Undersecretary for Administration (C)**  
*(Administrative Service (AS), Information and Communications Technology  
 Disaster Risk Reduction and Management Service (DRMMS), Bureau of Leg  
 Services (BLSS), Baguio Teachers Camp (BTC), Central Security & Safety C*






Republic of the Philippines  
**Department of Education**  
 Cordillera Administrative Region  
 Wangal, La Trinidad, Benguet


**ENDORSEMENT**

June 11, 2020




**TO: SCHOOLS DIVISION SUPERINTENDENTS  
 ALL DIVISIONS  
 ALL OTHERS CONCERNED**

For information and dissemination.



DEPED-CAR

*For the Regional Director:*



**FLORANTE E. VERGARA**  
 Schools Division Superintendent  
 Officer-in-charge Assistant Regional Director

#ORD/mbe/jop

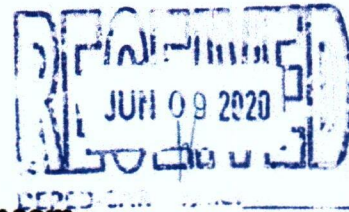


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Republika ng Pilipinas  
**Kagawaran ng Edukasyon**  
Tanggapan ng Pangalawang Kalihim

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**MEMORANDUM**  
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**Office of the Undersecretary for Administration (C)**

*[Administrative Service (AS), Information and Communications Technology  
Disaster Risk Reduction and Management Service (DRMMS), Bureau of Lea  
Services (BLSS), Baguio Teachers Camp (BTC), Central Security & Safety C*

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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



OUAD00-0620-0030  
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**LAPTOP FOR TEACHERS  
(or DESKTOP FOR STUDENTS)**

**MINIMUM TECHNICAL SPECIFICATIONS**

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



**2-in-1 TABLET PC**  
**(Recommended for Junior and Senior HS Students)**

**MINIMUM TECHNICAL SPECIFICATIONS**

Device Type	<ul style="list-style-type: none"> <li>• Convertible or Detachable Keyboard</li> </ul>
Processor	<ul style="list-style-type: none"> <li>• 1.1GHz Base Clock speed, with Turbo Speed</li> </ul>
Memory	<ul style="list-style-type: none"> <li>• 4GB DDR3</li> </ul>
Monitor Display	<ul style="list-style-type: none"> <li>• Screen Size: 10.0 inches</li> <li>• Resolution: 1024x720 HD</li> <li>• Anti-Glare LED-Backlit or IPS Technology</li> </ul>
Storage	<ul style="list-style-type: none"> <li>• Internal: 32 GB</li> </ul>
Audio	<ul style="list-style-type: none"> <li>• 6Ω/1W Speaker x 2 Built-in Speakers</li> <li>• <math>\phi</math> 3.5mm standard headphone jack</li> </ul>
Camera	<ul style="list-style-type: none"> <li>• Built-in</li> </ul>
Connectivity	<ul style="list-style-type: none"> <li>• Wireless LAN 802.11 b/g /n/ac</li> <li>• Bluetooth</li> </ul>
Ports	<ul style="list-style-type: none"> <li>• 1 x USB 2.0 or USB 3.0</li> <li>• 1 x HDMI/micro HDMI</li> <li>• 1 x Combo Audio Jack</li> </ul>
Keyboard	<ul style="list-style-type: none"> <li>• US English Layout</li> <li>• Standard Size</li> </ul>
Mouse	<ul style="list-style-type: none"> <li>• Optical</li> <li>• Wireless</li> </ul>
Headset	<ul style="list-style-type: none"> <li>• Over-the-Head</li> <li>• 3.5mm audio jack connection</li> </ul>
Touchpad	<ul style="list-style-type: none"> <li>• Multi-touch or Touch Pad with 2 Buttons</li> </ul>
Power Adapter	<ul style="list-style-type: none"> <li>• Type-C or Standard AC/DC Adapter</li> </ul>
Preference	<ul style="list-style-type: none"> <li>• 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.</li> </ul>



**TABLET**

**MINIMUM TECHNICAL SPECIFICATIONS**

Processor	<ul style="list-style-type: none"><li>• Quad-core 1.3 GHz</li></ul>
Memory	<ul style="list-style-type: none"><li>• 2 GB</li></ul>
Display Size	<ul style="list-style-type: none"><li>• 8 inches</li></ul>
Display Type	<ul style="list-style-type: none"><li>• IPS LCD Display</li></ul>
Display Resolution	<ul style="list-style-type: none"><li>• 800 x 1280 Pixels</li></ul>
Storage	<ul style="list-style-type: none"><li>• 32 GB</li></ul>
Camera	<ul style="list-style-type: none"><li>• Front and Rear</li></ul>
Network	<ul style="list-style-type: none"><li>• 4G LTE (Optional, Preferred)</li><li>• Wi-Fi 802.11 b/g/n</li><li>• Bluetooth</li></ul>
Interface	<ul style="list-style-type: none"><li>• Micro USB or Type C</li><li>• 3.5mm Audio Jack</li></ul>
Operating System	<ul style="list-style-type: none"><li>• Android 9.0</li></ul>
Preference	<ul style="list-style-type: none"><li>• Preferably branded, and if volume may allow, casing should be Cyan Blue: CMYK (71,53,0,12) as anti-fencing measure.</li></ul>



## SMARTPHONE

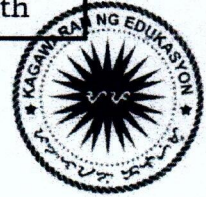
### MINIMUM TECHNICAL SPECIFICATIONS

Processor	<ul style="list-style-type: none"><li>• Octa-core 2.0 GHz</li></ul>
Memory	<ul style="list-style-type: none"><li>• 2 GB</li></ul>
Display Size	<ul style="list-style-type: none"><li>• 6 inches</li></ul>
Display Type	<ul style="list-style-type: none"><li>• IPS LCD Display</li></ul>
Display Resolution	<ul style="list-style-type: none"><li>• 720 x 1520 Pixels</li></ul>
Storage	<ul style="list-style-type: none"><li>• 32 GB</li></ul>
Camera	<ul style="list-style-type: none"><li>• Front and Rear</li></ul>
Network	<ul style="list-style-type: none"><li>• GSM / HSPA / LTE</li><li>• Wi-Fi 802.11 b/g/n</li><li>• Bluetooth</li></ul>
SIM	<ul style="list-style-type: none"><li>• Dual SIM</li></ul>
Interface	<ul style="list-style-type: none"><li>• Micro USB or Type C</li><li>• 3.5mm Audio Jack</li></ul>
Operating System	<ul style="list-style-type: none"><li>• Android 8.1</li></ul>
Preference	<ul style="list-style-type: none"><li>• Preferably branded, and if volume may allow, casing should be Cyan Blue: CMYK (71,53,0,12) as anti-fencing measure.</li></ul>



**MINIMUM INTERNET SERVICES**

Teacher	• P500 per month	• 10 GB Bandwidth
Student	• P300 per month	• 6 GB Bandwidth







## OUA MEMO 00-0620-0030\_ICT Equipment minimum technical specifications

JANNET LABRE <jannet.labre@deped.gov.ph>

Tue, Jun 9, 2020 at 6:55 AM

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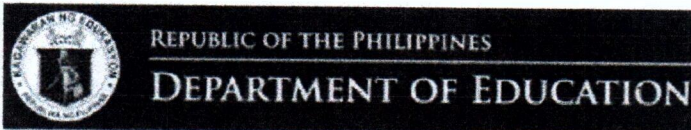
Cc: Essd Division <essdro2@gmail.com>, ESSD DepEd <essdro6@gmail.com>, ESSD DepEdCAR <essd.depedcar@gmail.com>, essd calabarzon <essd.calabarzon@deped.gov.ph>, Education Support Division <essdregion3@yahoo.com>, Deped Cordillera Administrative Region <car@deped.gov.ph>, mimaropa region <mimaropa.region@deped.gov.ph>, Department of Education Region VIII <region8@deped.gov.ph>, DepEd VI Western Visayas <region6@deped.gov.ph>, Externalpartnerships <externalpartnerships@deped.gov.ph>

Please see attached OUA Memo 00-0620-0030 re: Minimum specifications for ICT equipment and internet services to be donated to schools teachers and /or learners, microsoft licensing and donation matters.

All minimum tech specs indicated in this memo are recommendations. If donor/donated items do not satisfy tech specs, items may still accept, as this will still help our learners.

For dissemination. Thank you very much.


Sincerely,  
EPS



### **Jannet F. Labre**

Project Development Officer II  
External Partnerships Service  
Department of Education  
DepEd Complex Meralco Ave., Pasig City  
Tel. No. (02) 638 86 37  
Mobile No. smart - 09213152920

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