

## **TECHNICAL SPECIFICATION**

## LAPTOP COMPUTER

PROCESSOR	CPU Architecture Technology:  Processor model should at least be the latest release (NOT CLONED)  Cores: ≥ 6 Cores  Total Threads ≥ 12  Processor Base Frequency ≥ 2.60 GHz  Cache ≥ 12 MB Smart Cache  Max Turbo Frequency ≥ 4.40 GHz  Turbo Boost Technology ≥ 2.0
Operating System	<ul> <li>□ Type: Latest Stable Proprietary OS 64- bit</li> <li>□ Version: Professional (Must have the capability to join Active Directory)</li> <li>□ Genuine Label of the License from the OS provider</li> </ul>
DISPLAY	≥ 14"
MEMORY	≥ 16GB
HARD DRIVE	≥ 500gb SSD
I/O Ports	<ul> <li>□ 1x USB 3.0 port Type A</li> <li>□ 1x USB 3.0 port Type C</li> <li>□ 2x USB 2.0 port Type A</li> <li>□ 1x headphone/ microphone combo jack</li> <li>□ 1x VGA or DisplayPort</li> <li>□ 1x HDMI</li> </ul>
Sound Controller:	Integrated/ built-in High-Definition Audio system
Communication	☐ Wireless – Dual Band Wireless – 802.11 ac/a/b/g/n ☐ Ethernet - Integrated 10/ 100/ 1000 MB Base-TX (no USB conversions/extension/adapters)
Keyboard	US Standard
Mouse	USB Mouse
Accessories	Laptop backpack and Charger
Additional Requirements	To protect DSWD from unreliable and unproven products the following is required:  a. Proposed brand should be ISO 9000 certified or better  b. Proposed brand should be Energy Star Compliant or equivalent



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c.	Proposed brand should have an existing and certified service center in Major Cities in Region IX.	
d.	Proposed brand is an International Brand Name, which means that the brand is known and marketed globally and has an international presence (physical stores, centers, or satellite offices) in at least 5 countries. Further, the brand should be sold and marketed continuously in the Philippines for the last ten (10) years	
e.	Manufacturers offered model should be available in the Market and should not be custom-made or made to order just to comply with the specification	

## MS OFFICE PRODUCTIVITY

Prepared by:

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