

**ANNEX “D.1”**

**PHYSICAL  
EVALUATION**

**PROJECT:** Supply, Delivery and Maintenance of Computers for DepEd Non-Teaching Personnel

Item 1 – Specialized Laptops for DepEd Central Office Personnel

**DATE AND TIME OF SAMPLE PHYSICAL EVALUATION:** \_\_\_\_\_

**NAME OF BIDDER:** \_\_\_\_\_

<b>DEVICE INFORMATION</b>	<b>EVALUATION DETAILS</b>	<b>REMARKS / COMMENTS</b>
BRAND		
MODEL		
SCREEN SIZE		
PORTS		
CAMERA		
MOUSE		
HEADSET		
TOUCHPAD		
KEYBOARD		
POWER ADAPTER		

WEIGHT		
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# TESTING PARAMETERS

**PROJECT NO.:** \_\_\_\_\_  
**DATE AND TIME OF SAMPLE EVALUATION:** \_\_\_\_\_  
**NAME OF BIDDER:** \_\_\_\_\_

**INSTRUCTION TO BIDDERS:**

- Bidders are expected to install all software specified in the Technical Specifications, as well as Pass Mark Monitor Test and CPUID CPU-Z. Bidders are expected to bring Laptops and Tablet PCs that have been fully charged for purposes of testing.
- Specifications for Color and DepEd Logo shall not be required for the samples during post qualification.

**THE FOLLOWING ITEMS ARE REQUIRED FOR TESTING:**

- Two (2) Laptop (*each will be labeled as Laptop A & Laptop B*)
- One (1) Mouse (*for Physical Evaluation purpose*)

## IT EQUIPMENT TEST PARAMETER

LOT 2: Item 1 – Specialized Laptops for DepEd Central Office Personnel								
DEVICE INFORMATION		ITEMS	PROCEDURE	PARAMETER		EVALUATION DETAILS	COMPLIANCE (Comply / Not Comply)	REMARKS / COMMENTS
1	LAPTOP PC POWER	Battery	<ul style="list-style-type: none"> <li>• Setup Laptop A. <i>(The laptop must be fully charged).</i></li> <li>• Turn off the screen saver and set brightness at middle level.</li> <li>• Remove the power cord from the laptop.</li> <li>• Leave for 30 minutes, take note of the time started.</li> </ul>	Battery indicator	Battery indicator of Laptop should be at least 90% after 30 minutes.			
2	LAPTOP BIOS	BIOS information	<ul style="list-style-type: none"> <li>• Access the BIOS menus using the BIOS Key of Laptop B.</li> <li>• Enter BIOS using function Key.</li> <li>• Check CPU cores and frequency.</li> <li>• Check RAM size</li> </ul>	CPU & RAM	<p><b>PROCESSOR CORE:</b></p> <p>If 8 Cores, 16 Threads 16 MB L3 Cache</p> <p>OR</p> <p>If 14 Cores, 20 Threads 24 MB L3 Cache</p> <p>RAM: 16GB</p>			

3	LAPTOP HARDWARE	CPU Memory	<ul style="list-style-type: none"> <li>• Check hardware Configuration.</li> <li>• Check CPU Frequency</li> <li>• Check RAM size</li> </ul>	CPU & RAM	<p><b>PROCESSOR CORE:</b></p> <p>2.7 GHz Base Frequency</p> <p>OR</p> <ul style="list-style-type: none"> <li>• P - Cores: <ul style="list-style-type: none"> <li>o 5.0 GHz Max Frequency</li> </ul> </li> <li>• E - Cores: <ul style="list-style-type: none"> <li>o 3.70 GHz Max Frequency</li> </ul> </li> </ul> <p>RAM: 16 GB</p>			
4	LAPTOP GRAPHICS CARD	Video Card	<ul style="list-style-type: none"> <li>• Open task Manager</li> <li>• Click Performance</li> <li>• Check the GPU Memory</li> </ul>	Graphic Card Capacity	<p><b>GPU Memory</b> must not be below 7.00 GB.</p>			
5	LAPTOP STORAGE	Hard Disk Drive	<ul style="list-style-type: none"> <li>• Open Operating System</li> <li>• Go to disk management and check the size of the Hard disk drive.</li> <li>• Check the partition of the drive.</li> </ul>	Hard Disk partition and capacity	<p>Hard disk drive must have three (3) partitions for:</p> <ol style="list-style-type: none"> <li>1. system and applications (local C)</li> <li>2. recovery (local D)</li> <li>3. data (local E)</li> </ol> <p>The combined hard disk capacity of (local C), (local D), and (local E) should not be below 931 GB.</p>			

5	LAPTOP MONITOR	LCD/LED	Run Pass Mark Monitor Test	High Contrast Black  High Contrast White	ON BLACK: There should be no; 1. bright dot; 2. white dot; and 3. light leakage in the Laptop  ON WHITE : There should be no; 1. dark dot; 2. yellow mark; 3. ripple mark; light leakage in the Laptop			
6	LAPTOP SCREEN RESOLUTION	Resolution	<ul style="list-style-type: none"> <li>• Open Display Settings.</li> <li>• Under Scale and Layout look for the display resolution drop-down.</li> <li>• Make note of the resolution listed.</li> </ul>	Display Resolution	Resolution: Able to set screen resolution at 1920 x 1080 (Full HD)			