

**ANNEX “C”**  
**PHYSICAL EVALUATION**

**PROJECT:** SUPPLY, DELIVERY AND MAINTENANCE OF LAPTOP FOR TEACHING

**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                    |                           |                           |

# 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 that have been fully charged for purposes of testing. Bidder is also expected to bring tools for opening the laptop cover as part of the test procedure.
- DepEd Logo sticker shall not be required for the samples during post qualification.
- DepEd provisions software and applications are not yet required.

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

- Two (2) Laptops including mouse and Headset

## IT EQUIPMENT TEST PARAMETER

| DEVICE INFORMATION |                    | ITEMS            | PROCEDURE   | PARAMETER         |  | EVALUATION DETAILS | COMPLIANCE<br>(Comply / Not Comply) | REMARKS / COMMENTS |
|--------------------|--------------------|------------------|---|-------------------|--|--------------------|-------------------------------------|--------------------|
| 1                  | LAPTOP<br>PC POWER | Battery          | <ul style="list-style-type: none"> <li>• Setup a laptop. <i>(The laptop must be fully charged).</i></li> <li>• Turn off 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.</li> <li>• Enter to BIOS using function Key.</li> <li>• Check CPU cores and frequency.</li> <li>• Check RAM size.</li> </ul>   | CPU & RAM         | <p>PROCESSOR CORE:</p> <p>Must show the bidder's actual offered number of cores, threads, and cache.</p> <p>RAM:<br/>Min 8 GB DDR4</p> |                    |                                     |                    |

|   |                    |                    |   |   |   |  |  |  |
|---|--------------------|--------------------|---|---|---|--|--|--|
| 3 | LAPTOP<br>HARDWARE | CPU<br>Memory      | <ul style="list-style-type: none"> <li>• Check hardware Configuration.</li> <li>• Check CPU Frequency.</li> <li>• Check RAM size.</li> </ul>  | CPU &<br>RAM                                    | <p>PROCESSOR<br/>CORE:</p> <p>Must show the bidder's actual offered number of processors speed</p> <p>RAM:<br/>Min 8GB</p>  |  |  |  |
| 4 | LAPTOP<br>STORAGE  | Hard Disk<br>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<br>Disk<br>partition<br>and<br>capacity    | <p>Hard disk drive must have two (2) partitions for:</p> <ol style="list-style-type: none"> <li>1. system (local C) and</li> <li>2. recovery (local D)</li> <li>3. storage (local E)</li> </ol> <p>The combined hard disk capacity of (local C), (local D) and (local E) should not be below 475GB.</p> |  |  |  |
| 5 | LAPTOP<br>MONITOR  | LCD/LED            | <ul style="list-style-type: none"> <li>• Run Pass Mark Monitor Test</li> </ul>  | Solid/High<br>Black<br>Contrast<br><br>Solid/Hi | <p>ON BLACK:<br/>There should be no;</p> <ol style="list-style-type: none"> <li>1. bright dot;</li> <li>2. white dot;</li> <li>and</li> <li>3. light leakage</li> </ol>   |  |  |  |

|   |  |            |   |                                    |  |  |  |  |
|---|--|------------|---|------------------------------------|--|--|--|--|
|   |  |            |   | gh White Contrast                  | in the laptop screen<br><br>ON WHITE<br>There should be no;<br>1. dark dot;<br>2. yellow mark;<br>3. ripple mark;<br>4. light leakage in the laptop screen |  |  |  |
| 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: Min 1920 x 1080 (Full HD) is in the options  |  |  |  |
| 7 | Laptop Upgradability Physical evaluation | Laptop     | <ul style="list-style-type: none"> <li>• Open the laptop bottom cover</li> </ul>  | Physical availability of DIMM slot | vacant DIMM slot must be present in the motherboard.   |  |  |  |