# PHYSICAL EVALUATION

**PROJECT:** Supply, Delivery and Maintenance of Computers for DepEd Non-Teaching Personnel
Item 2 – Productivity laptops for DepEd Central Office Personnel and
Item 3 – Productivity Laptops for DepEd Region and Division Office Personnel

**DATE AND TIME OF SAMPLE PHYSICAL EVALUATION:** _____

**NAME OF BIDDER:** _____

| DEVICE INFORMATION | EVALUATION DETAILS | REMARKS / COMMENTS |
|---|---|---|
| BRAND | | |
| MODEL | | |
| SCREEN SIZE | | |
| PORTS | | |
| CAMERA | | |
| MOUSE | | |
| HEADSET | | |
| TOUCHPAD | | |
| KEYBOARD | | |
| POWER ADAPTER | | |

| WEIGHT | | |
|---|---|---|

# TESTING PARAMETERS

**PROJECT NO.:** Supply, Delivery And Maintenance Of Computers For Non-Teaching Personnel FY2022

_____Item_____

**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 the 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/s *(each will be labeled as Laptop A & Laptop B)*
- One (1) Mouse/s

# IT EQUIPMENT TEST PARAMETER

| LOT 2: Item 2 – Productivity laptops for DepEd Central Office Personnel and Item 3 – Productivity Laptops for DepEd Regional and Schools Division Office Personnel | | | | | | |
|---|---|---|---|---|---|---|
| | DEVICE INFORMATION | ITEMS | PROCEDURE | PARAMETER | EVALUATION DETAILS | COMPLIANCE (Comply / Not Comply) | REMARKS / COMMENTS |
| 1 | LAPTOP PC POWER | Battery | ● Setup Laptop A. *(The laptop must be fully charged)* <br> ● Turn off the screen saver and set brightness at middle level. <br> ● Remove the power cord from the laptop. <br> ● Leave for 30 minutes, take note of the time started. | Battery indicator | Battery indicator of Laptop should be at least 90% after 30 minutes. | | | |
| 2 | LAPTOP BIOS | BIOS information | ● Access the BIOS menus using the BIOS Key of Laptop B. <br> ● Enter BIOS using function Key. <br> ● Check CPU cores and frequency. <br> ● Check RAM size | CPU & RAM | **PROCESSOR CORE:** <br><br>    If 10-Cores, 12 Threads <br>      12 MB L3 Cache <br> or <br><br>    If 6-Cores, 12 Threads <br>      16 MB L3 Cache <br><br> **RAM:** <br> 8 GB | | | |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3 | LAPTOP HARDWARE | CPU Memory | ● Check hardware Configuration.<br>● Check CPU Frequency<br>● Check RAM size | CPU & RAM | **PROCESSOR CORE:**<br><br>● 1.3GHz Base Speed<br>or<br>● 2.3 GHz Base Speed<br><br>**RAM:**<br>8 GB | | | |
| 5 | LAPTOP STORAGE | Hard Disk Drive | ● Open Operating System<br>● Go to disk management and check the size of the Hard disk drive.<br>● Check the partition of the drive. | Hard Disk partition and capacity | Hard disk drive must have three (3) partitions for:<br>1. System & applications (local C)<br>2. Recovery (local D)<br>3. Data (local E)<br><br>The combined hard disk capacity of (local C), (local D) and (local D) should not be below 470 GB. | | | |
| 5 | LAPTOP MONITOR | LCD/LED | Run Pass Mark Monitor Test | High Contrast Black<br><br><br>High Contrast White | **ON BLACK:**<br>There should be no;<br>1. bright dot;<br>2. white dot; and<br>3. light leakage in the Laptop<br><br>**ON WHITE :**<br>There should be no;<br>1. dark dot;<br>2. yellow mark;<br>3. ripple mark;<br>light leakage in the Laptop | | | |

| 6 | LAPTOP SCREEN RESOLUTION | Resolution | • Open Display Settings.<br>• Under Scale and Layout look for the display resolution drop-down.<br>• Make note of the resolution listed. | Display Resolution | Resolution:<br>  Able to set the screen resolution at 1920 x 1080 (Full HD) | | | |