

ANNEX "D.1"

PHYSICAL EVALUATION

PROJECT: Supply, Delivery and Maintenance of Computers for Non-Teaching Personnel 2022

Item 1 – Specialized Laptops for DepEd Central 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.: _____

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

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"> • Setup Laptop A. <i>(The laptop must be fully charged).</i> • Turn off the screen saver and set brightness at middle level. • Remove the power cord from the laptop. • 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	<ul style="list-style-type: none"> • Access the BIOS menus using the BIOS Key of Laptop B. • Enter BIOS using function Key. • Check CPU cores and frequency. • Check RAM size 	CPU&RAM	<p>PROCESSOR CORE:</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"> • Check hardware Configuration. • Check CPU Frequency • Check RAM size 	CPU&RAM	<p>PROCESSOR CORE:</p> <p>2.7 GHz Base Frequency</p> <p>OR</p> <ul style="list-style-type: none"> • P - Cores: <ul style="list-style-type: none"> ○ 5.0 GHz Max Frequency • E - Cores: <ul style="list-style-type: none"> ○ 3.80 GHz Max Frequency <p>RAM: 16 GB</p>			
4	LAPTOP GRAPHICS CARD	Video Card	<ul style="list-style-type: none"> • Open task Manager • Click Performance • Check the GPU Memory 	Graphic Card Capacity	GPU Memory must not be below 7.00 GB.			
5	LAPTOP STORAGE	Hard Disk Drive	<ul style="list-style-type: none"> • Open Operating System • Go to disk management and check the size of the Hard disk drive. • Check the partition of the drive. 	Hard Disk partition and capacity	<p>Hard disk drive must have three (3) partitions for:</p> <ol style="list-style-type: none"> 1. system and applications (local C) 2. recovery (local D) 3. data (local E) <p>The combined hard disk capacity of (local C), (local D), and (local E) should not be below 931 GB.</p>			

6	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			
7	LAPTOP SCREEN RESOLUTION	Resolution	<ul style="list-style-type: none"> • Open Display Settings. • Under Scale and Layout look for the display resolution drop-down. • Make note of the resolution listed. 	Display Resolution	Resolution: Able to set screen resolution at 1920 x 1080 (Full HD)			