

PHYSICAL EVALUATION

Project No.: **2021c-ICTS3(001&005)-BII-CB-018**

PROJECT: **Supply, Delivery and Maintenance of DCP Packages**

Date and Time of Sample Physical Evaluation:

Name of Bidder:

DEVICE INFORMATION	EVALUATION DETAILS
BRAND	
MODEL	
SCREEN SIZE	
PORTS	
CAMERA	
MOUSE	
HEADSET	
TOUCHPAD	
KEYBOARD	
POWER ADAPTER	
WEIGHT	

TESTING PARAMETERS

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Name of Bidder:

Instruction to Bidders:

1. Bidders are expected to bring two (2) Laptops, one (1) External Hard drive, and one (1) Laptop Bag
 - 1.a **LAPTOP #1:** with installed software as stated in the Technical Specifications, and PASSMARK MONITOR TEST and CPUID CPU-Z.
 - 1.b **LAPTOP #2:** shall be used for battery testing. The laptop battery should be fully charged.
 - 1.c **External Hard Drive (HDD)**
 - 1.d **Laptop Bag**
2. Specifications for Color and DepEd Logo shall not be required for the samples during the sample's evaluation.

THE FOLLOWING ITEMS ARE REQUIRED FOR TESTING:

- 2 Laptops
- 1 External Hard Drive

IT EQUIPMENT TEST PARAMETER

DEVICE INFORMATION		ITEMS	PROCEDURE	PARAMETER		EVALUATION DETAILS	COMPLIANCE (Comply / Not Comply)	REMARKS / COMMENTS
1	LAPTOP POWER	Battery	<ul style="list-style-type: none"> • Setup a Laptop for battery testing. <i>(The laptop must be fully charged)</i> • Turn off screen saver and set brightness at middle level • Remove the power cord from the Laptop • Leave for 1 hour, 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 • Enter to BIOS using function Key • Check CPU cores and frequency • Check RAM size 	CPU & RAM	PROCESSOR CORE: If 4-Core & 8-Thread 6MB cache or If 4-Core & 8-Thread 4MB cache RAM: 2 X 4GB DDR4			

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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: 1.6Ghz Base Speed or 2Ghz Base Speed</p> <p>RAM: Min 8GB</p>			
4	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 two (2) partitions for:</p> <ol style="list-style-type: none"> system (local C) and storage (local D) <p>The combined hard disk capacity of (local C) and (local D) should not be below 1.80 TB</p>			
5	LAPTOP	LCD/LED	<ul style="list-style-type: none"> Run Pass Mark Monitor Test 	<p>High Contrast Black</p> <p>High Contrast White</p>	<p>ON BLACK: There should be no;</p> <ol style="list-style-type: none"> bright dot; white dot; and light leakage in the Laptop <p>ON WHITE There should be no;</p> <ol style="list-style-type: none"> dark dot; yellow mark; 			

DEVICE INFORMATION		ITEMS	PROCEDURE	PARAMETER		EVALUATION DETAILS	COMPLIANCE (Comply / Not Comply)	REMARKS / COMMENTS
					3. ripple mark; 4. light leakage in the Laptop			
6	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: Min 1920 x 1080 (Full HD)			
7	EXTERNAL HARD DRIVE CONNECTION TEST AND STORAGE CAPACITY CHECK	External Hard drive and Cable connector	<ul style="list-style-type: none"> • Connect the device on a laptop/PC and check the storage capacity. 	LED Light Indicator and Laptop Connection to HDD	A LED light indicator must turn in the device and a file folder must pop out in the Laptop. The HDD capacity must be at least 931GB.			
8	EXTERNAL HARD DRIVE PERFORMANCE TEST		<ul style="list-style-type: none"> • Save and retrieve file for its performance and functional test. 	Video File and Text File Transferred	Successfully transferred the video file and text file to the laptop and hard drive and vice versa.			

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9	EXTERNAL HARD DRIVE EXTERIOR CHECK	External Hard drive	<ul style="list-style-type: none"> Check the item for its physical and visual examination. 	Physical features of the external hard drive.	The hard disk must not have any deformation, dents and cracks and the completeness of the device.			
10	EXTERNAL HARD DRIVE DURABILITY TEST		<ul style="list-style-type: none"> Drop the demo units 2 times from a height of 75 cm one at a time and repeat performance and connection test steps 7 and 8. 	Table-top Drop Test	Check for any deformation, dents, cracks or displaced parts which shall be a ground for disqualification. The hard drive must pass the parameters stated in steps 7 and 8.			