



Republic of the Philippines
Department of Education
REGION VIII - EASTERN VISAYAS

To : ALL PROSPECTIVE BIDDERS

Project : PROCUREMENT FOR THE SUPPLY AND DELIVERY OF DEPED
COMPUTERIZATION PROGRAM (DCP) PACKAGES FY 2025
(EARLY PROCUREMENT ACTIVITY)

Subject : BID BULLETIN NO. 1

Date : December 2, 2024

This Supplemental Bid Bulletin is issued to clarify, modify, and amend certain provisions/specifications in the Bid Documents for the abovementioned project. It shall form part of the Bid Documents and supersedes provisions therein that are inconsistent herewith.

1. That in the Invitation to Bid (IB) the following are amended based on JM_2024_11_13 as follows:

LOT 1 – TV

▪ **Technical Specifications on hardware**

Spec	Value	Evidence of Compliance
Screen Resolution	Min. 3840×2160	Manufacturer Documentary Proof
Screen Display	LED / OLED / QLED	Manufacturer Documentary Proof
Screen Size	Min. industry standard 55", with actual screen size greater than or equal to 54.5"	Manufacturer Documentary Proof
Screen Mirroring	Must be wireless and built-in	Manufacturer Documentary Proof
Power	Auto Volt / Auto Sensing Frequency	Manufacturer Documentary Proof
Ports	At least 1x Ethernet port At least 2x HDMI ports At least 1x USB ver. 3.0	Manufacturer Documentary Proof

Network	802.11b/g/n: Wi-Fi 4 802.11ac: Wi-Fi 5	
Bluetooth	Minimum Bluetooth 5.0	

▪ **Technical Specifications on accessories**

Spec	Value	Evidence of Compliance
Cable	HDMI cable (at least 5 meters)	Manufacturer Documentary Proof
Stand	TV leg stand	Manufacturer Documentary Proof
Support	Wall Mounting Kit	Manufacturer Documentary Proof
Remote Control	Remote Control (batteries included)	Manufacturer Documentary Proof
Manual	Written in English	Manufacturer Documentary Proof

▪ **Technical Specifications on external hard drive**

On Brand

Spec	Value	Evidence of Compliance
International standards certifications	Bidder must submit during post-qualification certified true copies from the brand manufacturer to validate that the latter is: a. ISO 9001:2015 (Quality Management System) certified b. b. ISO 14001:2015 (Environmental Management System) certified	Manufacturer Documentary Proof
Global proven quality	The manufacturer's external hard drive product line (a) has existed for at least (3) years; and (b) maintains physical offices, service centers, or distribution	Manufacturer Documentary Proof

	hubs in at least five (5) countries other than the Philippines, with at least one (1) country from North America, one (1) country from Western Europe, and one (1) country from Asia-Pacific.	
International warranty	The manufacturer's external hard drive product line maintains sites that address warranty concerns from the locations previously specified (i.e. global quality) that exist for the purpose of facilitating warranty claims and technical assistance.	Manufacturer Documentary Proof

On Hardware

Spec	Value	Evidence of Compliance
Certification	Product offered must either be: <ul style="list-style-type: none"> • Certified by CE (Conformité Européenne); or • Certified by FCC (Federal Communications Commission) 	Manufacturer Documentary Proof
Capacity	5TB	Manufacturer Documentary Proof
Weight	Maximum of 400g	Manufacturer Documentary Proof
Rotational Speed	At least 5400 rpm	
Compatibility	exFAT (Extended File Allocation Table) for compatibility with both offered Smart TV and Windows'-based laptops.	
Interface	USB 3.1 Gen 1 / USB 3.0 compliant	
Power	DC VS (Power supplied through USB)	

Durability	Some level of protection, e.g. shockproof, rubber / plastic casing, etc.	
LED Indicator	Provides users with information about drive status/activity	

On accessories

Spec	Value	Evidence of Compliance
Cable	USB 3.0 cable compatible with offered Smart TV	Manufacturer Documentary Proof
Support	Mount kit compatible with offered Smart Written	Manufacturer Documentary Proof
Manual	Written in English	Manufacturer Documentary Proof
Content	Training videos and other files to be provided by DepEd	

LOT 2 & 3 – LAPTOP

On brand

Spec	Value	Evidence of Compliance
Standards certifications	Bidders must submit during post-qualification certified true copies from the brand manufacturer to validate that the latter is: <ul style="list-style-type: none"> • ISO 9001:2015 (Quality Management System certified • ISO 14001:2015 Environmental Management System certified 	Manufacturer Documentary Proof
Authorized dealer	Brand manufacturer: (1) Should be a Microsoft authorized Direct OEM Partner with Global Partner Agreement (2) Holds a License Confirmation issued by Microsoft indicating the model and product being offered to DepEd are authentic and the manufacturer was given the right to preinstall and distribute	Certification from Microsoft and/or the brand manufacturer confirming the aforesaid partner status.

	the Microsoft Licenses under the GPA terms.	
Global proven quality	The manufacturer laptop line (a) has existed for at least (3) years; and (b) maintains physical offices, service centers, or distribution hubs in at least five (5) countries other than the Philippines, with at least one (1) country from North America, one (1) country from Western Europe, and one (1) country from Asia-Pacific.	Manufacturer Documentary Proof
International warranty	The manufacturer laptop product line maintains sites that address warranty concerns in the locations previously specified (i.e. global quality) that exist for the purpose of facilitating warranty claims and technical assistance.	Manufacturer Documentary Proof
Comprehensive global review	Brand manufacturer laptop line has been comprehensively reviewed as shown by at least five (5) active URLs of positive, technical reviews published, representing every year in the last three (3) years (from the time of bid submission), of any model of the manufacturer's laptop line from at least five (5) different laptop review sites of the ten (10) sites enumerated below: <ol style="list-style-type: none"> 1. tomsguide.com 2. arstechnica.com 3. wirecutter.com 4. engadget.com 5. laptopmag.com 6. cnet.com 7. notebookcheck.net 8. anandtech.com 9. theverge.com 10. At least one Philippine-based site (e.g. yugatech.com, unbox.ph, noypigeek.com, etc.) Technical review, for purposes of the above paragraph, shall refer or written commentary on	Bidders must submit 5 clickable links showing technical reviews of the laptop line of the manufacturer, representing every year in the least 3 years, from 5 of the aforementioned websites. Print-out of the 5 technical reviews indicating the URL of the websites from which these were printed from.

	<p>actual performance and industry-based benchmarking of a brand manufacturer's laptop as opposed to a mere marketing spiel.</p> <p>In the absence of an active URL, a reference to the original URL via https://web.archive.org/ shall be allowed.</p>	
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On hardware

Spec	Value	Evidence of Compliance
NTC Approval	Brand/model must be NTC type approved with certificate and applicable registration number	Manufacturer Documentary Proof
Ecolabel	At least ECMA 370 or its equivalent	Manufacturer Documentary Proof
Certifications	On device ISO/IEC 11889:2015 (Information technology - Trusted platform module library) TCO Certified 9.0 EPEAT - Gold Tier FSC Certification	Manufacturer Documentary Proof
Processor	At least Intel Core i5 13th gen; or At least AMD Ryzen 5 7500 series	Manufacturer Documentary Proof
Memory	At least 8GB RAM	Manufacturer Documentary Proof
Storage	At least 500GB SSD	Manufacturer Documentary Proof
Screen Size	Minimum 13"	Manufacturer Documentary Proof
Screen Resolution	Minimum 1920 x 1080 (Full HD), 1080p LED	Manufacturer Documentary Proof
Screen Mirroring	Must be wireless and built-in®	Manufacturer Documentary Proof
Weight	Maximum weight of 2.2kg	Manufacturer Documentary Proof

Keyboard	US English Layout (QWERTY) Built-in standard size Backlit	Manufacturer Documentary Proof
Battery life	5hours minimum run time <u>when tested via continuous video playback</u>	Manufacturer Documentary Proof
Ports	At least 1x USB - Type C At least 1x USB 3.0 or 3.1 At least x1 standard 3.5mm audio port At least x1 HDMI or Micro HDMI <i>The ports must be directly accessible from the device as opposed to requiring a separate adapter or converter.</i>	Manufacturer Documentary Proof
Speakers	Built-in stereo speakers	Manufacturer Documentary Proof
Camera	Built-in 720 HD (minimum)	Manufacturer Documentary Proof
Network	802.11b/g/n: Wi-Fi 4 802.11ac: Wi-Fi 5 802.11ax: Wi-Fi 6	Manufacturer Documentary Proof
Bluetooth	At least Bluetooth 5.0	Manufacturer Documentary Proof

On software

Spec	Value	Evidence of Compliance
Operating System	Windows 11 Pro Education ("Shape the Manufacturer Future") SKU	Documentary Proof
Applications Recovery Key	Pre-installed applications based on DepEd instructions such as but not limited to Adobe and InTune	Documentary Proof
Recovery Key	There must be a designated function key to restore the laptop in its original system state in case of breakdown or desire to factory reset.	Manufacturer Documentary Proof

On accessories

Spec	Value	Evidence of Compliance
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Power Adapter	Type-C or standard Auto Volt AC/DC Adapter Compatible with Philippine standard electrical outlets	Documentary Proof
Headset	Either regular earphones or over-the-ear headphones 3.5mm standard audio jack Built-in microphone	Documentary Proof
Mouse	Wireless, optical, must be rechargeable. If the mouse requires physical batteries, batteries must be included.	Manufacturer Documentary Proof
Laptop Bag	Must fit the associated device	Manufacturer Documentary Proof
Copy of Software	An USB Format (bootable and capable of restoring the original system state to another hard disk) to be provided to: (a) One (1) USB each per Regional Office and Schools Division Office (thru IT officer); and (b) One (1) USB per recipient school.	Manufacturer Documentary Proof

LOT 3 - Laptop for Non-Teaching Allocation List

Region	Division	Number of L4NT Unit
Region VIII	Baybay City	22
Region VIII	Biliran	36
Region VIII	Borongan City	22
Region VIII	Calbayog City	22
Region VIII	Catbalogan City	22
Region VIII	Eastern Samar	47
Region VIII	Leyte	96
Region VIII	Maasin City	22
Region VIII	Northern Samar	47
Region VIII	Ormoc City	22
Region VIII	Samar (Western Samar)	51
Region VIII	Southern Leyte	47
Region VIII	Tacloban City	22
	TOTAL	478

For the information and guidance of all concerned.

RONELO AL K. FIRMO, PhD CESO IV
Assistant Regional Director
BAC Chairperson



Republika ng Pilipinas
Department of Education

JOINT MEMORANDUM

FOR : **REGIONAL DIRECTORS**

FROM : **ATTY. PETER IRVING C. CORVERA**
Undersecretary, Office of the Secretary

ATTY. FATIMA LIPP D. PANONTONGAN
Undersecretary, Office of the Secretary

ANNALYN M. SEVILLA
Undersecretary for Finance

ATTY. REVESEE A. ESCOBEDO
Undersecretary for Operations

ATTY. GERARD L. CHAN
Undersecretary for Procurement

ATTY. MARCELINO G. VELOSO III
Assistant Secretary

SUBJECT : **UPDATED GUIDELINES ON THE CONDUCT REGIONAL
EARLY PROCUREMENT ACTIVITIES (EPA) FOR THE FY 2025
DEPED COMPUTERIZATION PROGRAM (DCP)**

DATE : 13 November 2024

With the **submission** of Fiscal Year (FY) 2025 National Expenditure Program (NEP), and in accordance with the DepEd Memorandum No. 049, s.2024 on the Conduct of Fiscal Year 2025 Early Procurement Activities by the Central, Regional and Schools Division Offices, this memorandum is issued to establish the guidelines on the conduct of Early Procurement Activities (EPA) for the FY 2025 Computerization Program.

Regional Offices (ROs) shall initiate EPA short of award to ensure timely deployment of DCP for CY 2025. It must be noted that contract shall be awarded only upon the approval of the General Appropriations Act (GAA) and shall comply with the existing rules and regulations pertinent to the updated 2016 Revised Implementing Rules and Regulations (IRR) of the RA 9184.

In view of this, we are respectfully transmitting the Updated Guidelines on Regional EPA for DCP FY 2025 as of 13 November 2024. All pertinent documents can be accessed through this link <https://tinyurl.com/REPADCP2025>.

The use of funds shall be subject to existing government budgeting, accounting, auditing, and procurement rules and regulations.

For your guidance and compliance. Thank you.

RPO Fund Utilization

1. Any excess amount or balance from the fund allocation, specifically the savings due to lower bid offers/prices vis-a-vis declared ABC, may be used for the procurement of goods, or for any program-related expense subject to existing government budgeting, accounting, auditing, and procurement rules and regulations within the fund year.
2. In the use of such excess amount or balance, appropriate method of procurement shall be used pursuant to the relevant rules and regulations.

Minimum Technical Specifications

1. The RPOs shall refer to the specifications included in these guidelines.
2. RPOs can upgrade or improve the specifications provided that:
 - a. the minimum specifications are met;
 - b. an appropriate market study is conducted;
 - c. the total number of devices is not reduced; and
 - d. the total amount does not exceed the budget ceiling, per the *Indicative Regional Physical and Financial Allocation*.
3. In addition to the specifications included hereunder, the included clauses in the associated Terms of Reference are made an integral part of the minimum technical specifications.
4. The specifications for Laptops and Smart TV were originally vetted by the Department of Information and Communication Technology (DICT) and have been modified in this memorandum to enable greater market participation and make consistent the various brand prerequisites.
5. Regarding supporting documents and other proofs described under these specifications, these should form part of the bidder's bid, specifically under Technical Documents for the Technical Component Envelope.
6. In the event that a brand reference is used (e.g. "Windows", "Microsoft", etc.), the law carves out an exception.
 - a. Pursuant to Sec. 18, IRR of RA 9184 (2016), "*Specifications for the procurement of Goods shall be based on relevant characteristics, functionality and/or performance requirements. Reference to brand names shall not be allowed except for items or parts that are compatible with the*

existing fleet or equipment of the same make and brand, and to maintain the performance, functionality and useful life of the equipment.

This Section shall also apply to the goods component of Infrastructure Projects and Consulting.”¹

In such instances, an explanation for the exception may be included as a footnote to the specification.

Smart TV

On brand

For all

Spec	Value
Common standards	<p>Bidder must submit <u>during post-qualification</u> certified true copies from the brand manufacturer to validate that the latter is:</p> <ul style="list-style-type: none"> a. ISO 9001:2015 (Quality Management System) certified b. ISO 14001:2015 (Environmental Management System) certified

For international brands

Spec	Value	Evidence of Compliance
International standards certifications	<p>Aside from the common standards referred to above, international products offered must be:</p> <ul style="list-style-type: none"> • Certified by CE (Conformité Européenne) • Certified by FCC (Federal Communications Commission) • Energy Star-certified 	<p>Manufacturer Documentary Proof</p>

¹ Under Rule VI – Preparation of Bidding Documents of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184:

It is important to note that the use of brand names is prohibited by the 2016 IRR, except for items or parts that are compatible with the existing fleet or equipment of the same make or brand, and will maintain the performance functionality and useful life of the equipment. Specifications for the procurement of goods shall be based on relevant characteristics and/or performance requirements. Hence, a generic description of the product or service must be used.

Global proven quality	The manufacturer's smart TV product line (a) has existed for at least (3) years; and (b) maintains physical offices, service centers, or distribution hubs in at least five (5) countries other than the Philippines, with at least one (1) country from North America, one (1) country from Western Europe, and one (1) country from Asia-Pacific.	Manufacturer Documentary Proof
International warranty	The manufacturer's smart TV product line maintains sites that address warranty concerns from the locations previously specified (i.e. global quality) that exist for the purpose of facilitating warranty claims and technical assistance	Manufacturer Documentary Proof

For Philippine-based brands

Spec	Value	Evidence of Compliance
Local standards certifications	<p>Aside from the common standards referred to above, manufacturer must include:</p> <ul style="list-style-type: none"> • Philippine Standard (PS) License • Philippine Standard (PS) Mark • New Philippine Energy Label certificate or international equivalent <p>Brand / model must be NTC type approved with certificate and applicable registration number</p>	Manufacturer Documentary Proof
Local proven quality	The manufacturer's smart TV product line (a) has existed for at least (3) years; and (b) maintains physical offices, service centers, or distribution hubs in at least six (6) provinces in the country, with at least one (1) province from Luzon, one (1) province from Visayas, and one (1) province from Mindanao.	Manufacturer Documentary Proof
Local warranty	The manufacturer's smart TV product line maintains sites that address warranty concerns in the locations	Manufacturer Documentary Proof

	previously specified (i.e. local quality) that exist for the purpose of facilitating warranty claims and technical assistance.	
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On hardware

Spec	Value	Evidence of Compliance
Screen Resolution	Min. 3840 x 2160	Manufacturer Documentary Proof
Screen Display	LED / OLED / QLED	Manufacturer Documentary Proof
Screen Size	Min. industry standard 55", with actual screen size greater than or equal to 54.5"	Manufacturer Documentary Proof
Screen Mirroring	Must be wireless and built-in ²	Manufacturer Documentary Proof
Power	Auto Volt / Auto Sensing Frequency	Manufacturer Documentary Proof
Ports	At least 1x Ethernet port At least 2x HDMI ports At least 1x USB ver. 3.0	Manufacturer Documentary Proof
Network	802.11b/g/n: Wi-Fi 4 802.11ac: Wi-Fi 5	Manufacturer Documentary Proof
Bluetooth	Minimum Bluetooth 5.0	Manufacturer Documentary Proof

On software

Operating system

1. The Smart TV must run an operating system³ that is actively supported by the manufacturer, including the provision of regular security and feature updates.
2. For recently manufactured models, proof of active support may be demonstrated through the manufacturer's update policy for other Smart TV models of the same brand.

² Enables mobile devices such as laptops, tablets, and smartphones, with technologies like Miracast, Apple AirPlay, Google Cast (Chromecast), Intel WiDi (Wireless Display), and the like, to mirror the device's screen to the Smart TV.

³ While Android TV (or Google TV) is widely used by several brands, it is not the dominant OS for all smart TVs. Many manufacturers use their own proprietary systems (e.g., LG's WebOS, Samsung's Tizen, Roku OS). The choice of OS depends on the brand and what features and app ecosystems they prioritize.

3. The Smart TV must:

- a. Be capable of being updated to the latest version of the operating system available at the time of bid submission.
- b. If the Smart TV does not ship with the most recent version, it must not be more than one (1) version behind the current release at the time of the opening of the bid and be susceptible of being updated to the most recent version.

4. Compliance with the foregoing may be established via Manufacturer Documentary Proof.

App ecosystem

The operating system must offer access to a well-established marketplace / selection of downloadable apps, ensuring access to educational content.

The marketplace of apps must allow the download of YouTube at its most latest version, at the time of the opening of the bid.

Compliance with the foregoing may be established via Manufacturer Documentary Proof.

On accessories

Spec	Value	Evidence of Compliance
Cable	HDMI cable (at least 5 meters)	Manufacturer Documentary Proof
Stand	TV leg stand	Manufacturer Documentary Proof
Support	Wall Mounting Kit	Manufacturer Documentary Proof
Remote Control	Remote Control (batteries included)	Manufacturer Documentary Proof
Manual	Written in English	Manufacturer Documentary Proof

External Hard Drive

On brand

Spec	Value	Evidence of Compliance
International standards certifications	Bidder must submit <u>during post-qualification</u> certified true copies from the brand manufacturer to validate that the latter is: a. ISO 9001:2015 (Quality Management System) certified b. ISO 14001:2015 (Environmental Management System) certified	
Global proven quality	The manufacturer's external hard drive product line (a) has existed for at least (3) years; and (b) maintains physical offices, service centers, or distribution hubs in at least five (5) countries other than the Philippines, with at least one (1) country from North America, one (1) country from Western Europe, and one (1) country from Asia-Pacific.	Manufacturer Documentary Proof
International warranty	The manufacturer's external hard drive product line maintains sites that address warranty concerns from the locations previously specified (i.e. global quality) that exist for the purpose of facilitating warranty claims and technical assistance.	Manufacturer Documentary Proof

On hardware

Spec	Value	Evidence of Compliance
Certification	Product offered must either be: <ul style="list-style-type: none"> • Certified by CE (Conformité Européenne); or • Certified by FCC (Federal Communications Commission) 	Manufacturer Documentary Proof
Capacity	5TB	Manufacturer

		Documentary Proof
Weight	Maximum of 400g	Manufacturer Documentary Proof
Rotational Speed	At least 5400 rpm	Manufacturer Documentary Proof
Compatibility	exFAT (Extended File Allocation Table) for compatibility with both offered Smart TV and Windows ⁴ -based laptops.	Manufacturer Documentary Proof
Interface	USB 3.1 Gen 1 / USB 3.0 compliant	Manufacturer Documentary Proof
Power	DC 5V (Power supplied through USB)	Manufacturer Documentary Proof
Durability	Some level of protection, e.g. shockproof, rubber / plastic casing, etc.	Manufacturer Documentary Proof
LED Indicator	Provides users with information about drive status / activity	Manufacturer Documentary Proof

On accessories

Spec	Value	Evidence of Compliance
Cable	USB 3.0 cable compatible with offered Smart TV	Manufacturer Documentary Proof
Support	Mount kit compatible with offered Smart TV	Manufacturer Documentary Proof
Manual	Written in English	Manufacturer Documentary Proof
Content	Training videos and other files to be provided by DepEd	

⁴ In this instance, the brand reference is based on ensuring that the device is interoperable with the Windows-based laptops.

Laptop

On brand

Spec	Value	Evidence of Compliance
Standards certifications	<p>Bidders must submit <u>during post-qualification</u> certified true copies from the brand manufacturer to validate that the latter is:</p> <ul style="list-style-type: none"> • ISO 9001:2015 (Quality Management System) certified • ISO 14001:2015 (Environmental Management System) certified 	
Authorized dealer	<p>Brand manufacturer:</p> <p>(1) Should be a Microsoft authorized Direct OEM Partner with Global Partner Agreement</p> <p>(2) Holds a License Confirmation issued by Microsoft indicating the model and product being offered to DepEd are authentic and the manufacturer was given the right to preinstall and distribute the Microsoft Licenses under the GPA terms.</p>	<p>Certification from Microsoft and/or the brand manufacturer confirming the aforesaid partner status.</p>
Global proven quality	<p>The manufacturer laptop line (a) has existed for at least (3) years; and (b) maintains physical offices, service centers, or distribution hubs in at least five (5) countries other than the Philippines, with at least one (1) country from North America, one (1) country from Western Europe, and one (1) country from Asia-Pacific.</p>	<p>Manufacturer Documentary Proof</p>
International warranty	<p>The manufacturer laptop product line maintains sites that address warranty concerns in the locations previously specified (i.e. global quality) that exist for the purpose of facilitating warranty claims and technical assistance.</p>	<p>Manufacturer Documentary Proof</p>

Comprehensive global review	<p>Brand manufacturer laptop line has been comprehensively reviewed as shown by at least five (5) active URLs of positive, technical reviews published, representing every year in the last three (3) years (from the time of bid submission), of any model of the manufacturer's laptop line from at least five (5) different laptop review sites of the ten (10) sites enumerated below:</p> <ol style="list-style-type: none"> 1. tomsguide.com 2. arstechnica.com 3. wirecutter.com 4. engadget.com 5. laptopmag.com 6. cnet.com 7. notebookcheck.net 8. anandtech.com 9. theverge.com 10. At least one Philippine-based site (e.g. yugatech.com, unbox.ph, noypigeek.com, etc.) <p>Technical review, for purposes of the above paragraph, shall refer to written commentary on actual performance and industry-based benchmarking of a brand manufacturer's laptop as opposed to a mere marketing spiel.</p> <p>In the absence of an active URL, a reference to the original URL via https://web.archive.org/ shall be allowed.</p>	Bidders must submit 5 clickable links showing technical reviews of the laptop line of the manufacturer, representing every year in the last 3 years, from 5 of the aforementioned websites. Print-out of the 5 technical reviews indicating the URL of the websites from which these were printed from.
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On hardware

Spec	Value	Evidence of Compliance
NTC Approval	Brand/model must be NTC type approved with certificate and applicable registration number	Manufacturer Documentary Proof
Ecolabel	At least ECMA 370 or its equivalent	Manufacturer Documentary Proof

Certifications	On device ISO/IEC 11889:2015 (Information technology — Trusted platform module library) TCO Certified 9.0 EPEAT - Gold Tier FSC Certification	Manufacturer Documentary Proof
Processor	At least Intel Core i5 13th gen; or At least AMD Ryzen 5 7500 series	Manufacturer Documentary Proof
Memory	At least 8GB RAM	Manufacturer Documentary Proof
Storage	At least 500GB SSD	Manufacturer Documentary Proof
Screen Size	Minimum 13"	Manufacturer Documentary Proof
Screen Resolution	Minimum 1920 x 1080 (Full HD), 1080p LED	Manufacturer Documentary Proof
Screen Mirroring	Must be wireless and built-in ⁶	Manufacturer Documentary Proof
Weight	Maximum weight of 2.2kg	Manufacturer Documentary Proof
Keyboard	US English Layout (QWERTY) Built-in standard size Backlit	Manufacturer Documentary Proof
Battery life	5 hours minimum run time <u>when tested via continuous video playback</u>	Manufacturer Documentary Proof
Ports	At least 1x USB - Type C At least 1x USB 3.0 or 3.1 At least 1x standard 3.5mm audio port At least 1x HDMI or Micro HDMI <i>The ports must be directly accessible from the device as opposed to requiring a separate adapter or converter.</i>	Manufacturer Documentary Proof
Speakers	Built-in stereo speakers	Manufacturer Documentary Proof
Camera	Built-in 720 HD (minimum)	Manufacturer

		Documentary Proof
Network	802.11b/g/n: Wi-Fi 4 802.11ac: Wi-Fi 5 802.11ax: Wi-Fi 6	Manufacturer Documentary Proof
Bluetooth	At least Bluetooth 5.0	Manufacturer Documentary Proof

On software

Spec	Value	Evidence of Compliance
Operating System	Windows 11 Pro Education ("Shape the Future") SKU	Manufacturer Documentary Proof
Applications	Pre-installed applications based on DepEd instructions such as but not limited to Adobe and InTune	Manufacturer Documentary Proof
Recovery Key	There must be a designated function key to restore the laptop in its original system state in case of breakdown or desire to factory reset. ⁵	Manufacturer Documentary Proof

On accessories

Spec	Value	Evidence of Compliance
Power Adapter	Type-C or standard Auto Volt AC/DC Adapter Compatible with Philippine standard electrical outlets	Manufacturer Documentary Proof
Headset	Either regular earphones or over-the-ear headphones 3.5mm standard audio jack Built-in microphone	Manufacturer Documentary Proof
Mouse	Wireless, optical, must be	Manufacturer Documentary

⁵ This is a function that allows users to restore their laptop to its original system state (factory settings) in the event of a breakdown, system corruption, or other software issues. Many laptop manufacturers include this feature, which can be activated using a dedicated function key or key combination during boot. Examples of manufacturer-specific solutions include: Lenovo OneKey Recovery, HP System Recovery, Dell SupportAssist, Acer eRecovery, Asus Recovery.

	rechargeable. If the mouse requires physical batteries, batteries must be included.	Proof
Laptop Bag	Must fit the associated device	Manufacturer Documentary Proof
Copy of Software	In USB Format (bootable and capable of restoring the original system state to another hard disk) to be provided to: (a) One (1) USB each per Regional office and Schools Division Office (thru IT officer); and (b) One (1) USB per recipient school.	Manufacturer Documentary Proof

Post Award Activities

Deployment

1. Pre-Delivery Inspection shall adhere to DO 041, s.2021 *"Inspection and Acceptance Protocols for the Procurement of Goods in the Department of Education"* and shall use the recommended test procedure provided by the ICTS as included in the attached Annex D - Test Procedure.
2. Smart TV Packages and Laptop for Teaching shall be delivered directly to target recipient schools. Meanwhile, Laptop for Non-teaching shall be delivered to School Division Offices.
3. The Delivery, Inspection, Acceptance, and Documentation of the items shall be done by authorized personnel:
 - a. School Division Office
 - i. School Division Superintendent
 - ii. Inspectorate Team
 - iii. Supply Officer
 - b. Recipient Schools
 - i. Head/Principal
 - ii. Inspectorate Team