



དཔལ་ལྷན་འབྲུག་གཞུང་།
མའོ་སྐབ་དང་གཞུང་ཚས་ལས་ཁུངས། དངུལ་རྩིས་ལྷན་ཁག།
ROYAL GOVERNMENT OF BHUTAN

DEPARTMENT OF PROCUREMENT AND PROPERTIES, MINISTRY OF FINANCE

MoF/DPP/CPMD-14/2022-23/ 833

October 20, 2022

ADDENDUM No. 2

The Department of Procurement and Properties (DPP) would like to issue the addendum No.2 to the provisions of tender documents floated for the Centralized Procurement of Laptops & Desktops (FY 2022-2023) on 3rd October, 2022 in MoF website. This addendum is issued based on further review of technical specification.

1. Invitation for Bids (IFB). Clause 5: Bids must be delivered to the address Director, DPP, Doebum lam, PO box 116, Thimphu, Bhutan at or before **31st October, 2022 at 5:00PM**. Late Bids will be rejected.

2. Section II. Bid Data Sheet: ITB 32.1: The Technical Bid Opening shall take place at: DPP Conference Hall on **1st November 2022 at 10:00 AM**.

3. Section VII. Schedule of Supply: 3. Technical Specification: The technical specifications for laptops & desktops other than Apple product is amended to the following new technical specifications (*The changes are highlighted*).

1. Laptop Specification (Windows-based)

Sl .No	Specification	Low	Mid	High
1	Processor	12th Generation Intel(R) core i5 (8 core 12m Cache, base frequency 3.3 GHz up to 4.40 GHz)	12th Generation Intel(R) core i7 (14 core 24 M cache, base frequency 2.3 GHz up to 4.7 GHz)	12th Generation Intel(R) core i9 (16 core 30 M cache, base frequency 3.2 GHz up to 5.2 GHz)
2	Memory (RAM)	8 GB DDR4	16 GB DDR4	32 GB DDR4
3	Hard Drive Storage	512 GB SSD	512 GB SSD	1 TB SSD



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4	Display Screen	13 to 14 inch FHD, Anti-Glare	13 to 14 inch FHD, Anti-Glare	15.6-inch FHD, Anti-Glare
5	Operating System (OS)	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM from OEM	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM
6	Graphics	Integrated Graphics Card	Integrated Graphics Card	Dedicated Graphics Card, 8 GB
7	Keyboard (Integrated)	Standard US English Backlit Keyboard	Standard US English Backlit Keyboard	Standard US English Backlit Keyboard
8	Battery and Power	48 watt-hour and more	56 watt-hour and more	58 watt-hour and more
9	Mouse	Wireless Mouse	Wireless Mouse	Chargeable Bluetooth Mouse
10	Warranty	3 years	3 years	3 years
11	Webcam	(Integrated)		
12	Weight	1Kg to 1.5Kg		1.5Kg to 2.6 Kg

ALL IN ONE DESKTOP Specification (Windows-based)

Sl .No	Specification	Low	Mid	High
1	Processor	12th Generation Intel® Core™ i5 (2.70 GHz up to 4.50 GHz, 18 MB L3 cache, 12 cores)	12th Generation Intel® Core™ i7 (18MB Cache, 3.50 GHz up to 4.8 GHz, 12 cores)	12th Gen Intel® Core™ i9 (30 MB cache, 16 cores, 24 threads, 2.40 GHz to 5.10 GHz)
2	Memory (RAM)	8 GB DDR4	16GB DDR4	32 GB, DDR4
3	Hard Drive Storage	512 GB SSD	1 TB SSD	1 TB SSD
4	Display Screen	Minimum 23.8"	Minimum 23.8-inch FHD	Minimum 23.8" FHD



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		diagonal, FHD (1920 x 1080), IPS, three-sided micro-edge, anti-glare, 250 nits	(1920 x 1080) Narrow Border Infinity	1920X1080 Touch, 65W CPU, IR Camera, dGPU, 220W Platinum PSU
5	Operating System (OS)	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM
6	Graphics	Intel® Iris® Xe Graphics	Intel® Iris® Xe Graphics	AMD Radeon RX 6500M
7	Wireless technology	Realtek RTL8821CE 802.11a/b/g/n/ac (1x1) Wi-Fi® and Bluetooth® 4.2 combo	Intel® Wi-Fi 6E (6GHz) AX211 2x2 Bluetooth 5.2 Wireless Card	Intel® Wi-Fi 6E (6GHz) AX211 2x2 Bluetooth 5.2 Wireless Card
8	Keyboard	Wired USB Keyboard, US English	Wired USB Keyboard, US English	Wired USB Keyboard, US English
9	Mouse	Wired USB Mouse	Wired USB Mouse	Wired USB Mouse
10	Warranty	3 years	3 years	3 years
11	Webcam	Privacy camera with integrated dual array digital microphones	Wide Vision 1080p FHD IR privacy camera with integrated dual array digital microphones	Full HD webcam

DESKTOP Specification (Windows-based)

Sl .No	Specification	Low	Mid	High
1	Processor	12th Generation Intel(R) core i5 (12 core 18 MB cache, base frequency 3.3 GHz up to 4.6 GHz)	12th Generation Intel(R) core i7 (12 core 25 M cache, base frequency 2.1 GHz up to 4.9 GHz)	12th Generation Intel(R) core i9 (16 core 24 M cache, base frequency 2.4 GHz up to 5.1 GHz)
2	Memory (RAM)	8 GB DDR4	16 GB DDR4	32 GB DDR4
3	Hard Drive Storage	512 GB SSD	1 TB SSD	1 TB SSD



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4	Display Screen	Minimum 23.8 inch FHD, Anti-Glare	Minimum 23.8 inch FHD, Anti-Glare	Minimum 27 inch FHD, Anti-Glare
5	Operating System (OS)	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM	Pre-installed Genuine Microsoft Windows 11 (Professional) from OEM
6	Graphics	Integrated Graphics Card, 2 GB	Integrated Graphics Card, 4 GB	Integrated Graphics Card, 8 GB
7	Keyboard	Wired USB Keyboard, US English	Wired USB Keyboard, US English	Wired USB Keyboard, US English
8	Mouse	Wired USB Mouse	Wired USB Mouse	Wired USB Mouse
9	Warranty	3 years	3 years	3 years
10	Webcam	Yes (1080p resolution)	Yes (1080p resolution)	Yes (1080p resolution)

***Mouse may be of different brand for laptops.**

Sd/-

Rinchen Wangdi

Director, DPP