

SPECIFICAȚII TEHNICE

Anexa nr. 22
la Documentația standard nr. 115 din 15.09.2021

Numărul procedurii de achiziție: *Licitație deschisă 21393666/ ocds-b3wdp1-MD-1743750894382*

Denumirea licitației: *Echipament IT*

Denumirea bunurilor/sau a serviciilor	Modelul articolului	Tara de origine	Produ- cătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standarde de referință
1	2	3	4	5	6	7
Bunuri/Servicii: Lot 1 Notebook-uri cu monitoare						
Notebook-uri cu monitoare (set)	DELL LATITUDE 5450 Dell 24 USB-C Hub Monitor - P2425HE	China	Dell	Caietul de sarcini conform Anexei nr.1	În conformitate cu descrierea tehnică atașată	ISO 9001:2015 ISO 27001

Semnat: _____

Numele, Prenumele: Ghincu Sergiu

În calitate de Director General

Ofertantul: DKA System Integrator S.R.L.

Adresa: mun. Chișinău str. Calea Iesilor 10



ANEXA DESCRIEREA SOLUȚIEI TEHNICE PROPUSE

Specificația tehnică solicitată			Specificația tehnică propusă	
Business Laptop seturi cu Monitor USB-C – seturi. 30				
Laptop	Type	Laptop	Laptop	
CPU	Generation	Data lansării începând cu: Q4 - 2023 și mai noi.	CPU	DELL LATITUDE 5450 Intel Core Ultra 5 135U vPro (12 MB cache, 12 cores, 14 threads, up to 4.4 GHz Turbo) – release December 2023 Fully compliant
	Max Turbo Frequency	min 4.3 GHz		
	Performance-core Max Turbo Frequency	min. 4.3 GHz		
	Efficient-core Max Turbo Frequency	min. 3.6 GHz		
	Performance-core Base Frequency	min. 1.3 GHz		
	# of Cores	min. 12		
	# of Threads	min. 14		
	Intel vPro Technology sau AMD PRO Technologies	Mandatory		
	Cache L3	min. 12 MB		
Display	Display size	Min 14.0" - max 14.9"	Display	14.0"
	Resolution	min. 1920x1080		
	LCD Features	IPS, Anti-Glare		
	Screen Brightness	min. 250 nits		
Memory	Capacity	1 x 16 GB	Memory	1 x 16 GB
	Type	min. DDR5		
	Speed	min. 5600 MHz		
	Memory Slot (Total)	min. 2 slots		
	Max Memory Supported	min. 32 GB		
Graphics	Graphics Type	Minim Integrated HD Graphics, suport min. 2 display min FHD	Graphics Type	Integrated Intel graphics for Intel Core Ultra 5 125U processor, Displays Supported: 4

Specificația tehnică solicitată			Specificația tehnică propusă	
Business Laptop seturi cu Monitor USB-C – seturi. 30				
Hard Drives	Capacity	min. 512 Gb	Hard Drives	512GB
	Type	PCIe NVMe M.2 SSD, min Gen 4		PCIe NVMe M.2 SSD, Gen4
Connectivity	WLAN	Min. 802.11ax (2x2) Wi-Fi 6W		Intel Wi-Fi 6E (6 where 6E unavailable) AX211, 2x2, 802.11ax
	LAN	Gigabit Ethernet LAN încorporat sau USB to Gigabit Adapter.		Gigabit Ethernet LAN, 1x RJ45
	Bluetooth	min. Bluetooth 5.3		Bluetooth 5.3 wireless card
Ports	USB	min. 2x USB 3.2 Gen1 (min. one with Power Share or Power delivery for charging)		2x USB Type-C Thunderbolt™ 4.0 with Power Delivery & DisplayPort
		min. 2x USB Type-C Thunderbolt™ 4.0 with Power Delivery & DisplayPort, support Connectivity to Monitor USB-C		2x USB 3.2 Gen1 (1x with Power share)
		Video Port		min. 1x HDMI 2.1
		Audio Ports		min. 1 x Headphone/Microphone Combo Jack
	Ethernet	1 x RJ 45 Gigabit Ethernet LAN încorporat sau USB to Gigabit Adapter.		Gigabit Ethernet LAN, 1x RJ45
Input Device	Touchpad	Touchpad with multi-touch gesture support	Input Device	Precision Clickpad with multi-touch gesture
	Keyboard	QWERTY Eng/Rus/factory engraved. (Ro – Optional). Backlit, quiet typing.		Eng/Rus backlit AI hotkey keyboard, 79-key
Expansion Slots	Card Reader	Optional	Card Reader	Optional
Audio	Speaker	Integrated Stereo Speakers	Speaker	2 x High Quality Speakers, Waves MaxxAudio Pro
Camera	Built-In	Integrated min. 1080p FHD cam, min 2 MP, camera cu obturator de confidențialitate	Built-In	FHD HDR Camera, Temporal Noise Reduction, Camera Shutter
		Min. Internal Dual-Array Digital Microphones		2 x Noise Canceling Microphones
Battery		Min. 3 Cell, 50 Wh battery life	Battery	3-cell, 54 Wh, ExpressCharge Capable, Long Life Cycle
Security		TPM, Fingerprint Reader	Security	TPM 2.0 FIPS-140-2 Certified, Fingerprint Reader
Power adapter		External, Europe standard	Power adapter	65W AC adapter, USB Type-C, EcoDesign
Weight		Max. 1.5 Kg	Weight	No more 1.5 Kg
Color		Black/Silver/Gray	Color	Titan Gray Satin
Accessories				Dell 24 USB-C Hub Monitor - P2425HE
Monitor	Screen size	min. 23.8"	Screen size	60.47 cm (23.8")

Specificația tehnică solicitată		Specificația tehnică propusă		
Business Laptop seturi cu Monitor USB-C – seturi. 30				
USB-C (same as laptop brand)	Resolution	min. 1920 x 1080, 60 Hz	Resolution	1920 x 1080
	Panel	IPS	Panel	In-Plane Switching (IPS) technology
	Display Colors	min. 16.7 million colors	Display Colors	Up to 16.7 million colors
	Brightness	Min. 250 nits	Brightness	250 cd/m2 (typical)
	Viewing Angle	min. 178º vertical min. 178º horizontal	Viewing Angle	178º vertical / 178º horizontal
	Response Time	Normal mode 8 ms	Response Time	5ms gray-to-gray (Fast mode) 8ms gray-to-gray (Normal mode)
	Display Screen Coating	Anti-glare	Display Screen Coating	Anti-glare with 3H hardness
	Connectivity	min. 1 x HDMI min. 2x DisplayPort 1.2 (1 out port and 1 in port) min. 2x USB Type-C, one port providing min. 65W Power Delivery min. 1 RJ-45 Gigabit Ethernet min. 3x USB 3.2 Gen1	Connectivity	• 1 x HDMI 1.4 (HDCP 1.4) (Supports up to FHD 1920 x 1080 100Hz TMDS as per specified in HDMI 1.4) • 1 x DP 1.4 (HDCP 1.4) • 1 x DP-out (1.4) with MST (HDCP 1.4) • 1 x RJ45 • 1 x USB 3.2 Gen1 Type-C upstream (Alt. mode with DP1.4) with up to 90W PD • 3 x USB 3.2 Gen1 Type-A downstream • 1 x USB 3.2 Gen1 Type-C downstream with up to 15W PD (data only)
	Stand Adjustments	Height-adjustable stand, tilt, swivel and built in cable-management)	Stand Adjustments	Height: Up to 150 mm (5.9") Tilt: -5° ~ 21° Swivel: -45° ~ 45° Pivot: -90° ~ 90°
	VESA Compatibility - Mountable	100x100 mm	VESA Compatibility	VESA (100 mm x 100mm)
Speakers	Integrated speaker or Sound bar - Optional	Mountable		
Color	Black or Silver	Speakers	Sound bar - Optional	
Cable	min. 1x Type-C cable for laptop connection, EU power cord	Color	Black/Silver	
		Cable	1 x Power cord 1 x DP-to-DP cable, 1.8m 1 x USB 3.2 Gen2 Type C-to-C cable, 1.0m 1 x Cable tie	
Briefcase (black)		Applicable Models: up to 14,9"	Dell EcoLoop Pro Slim Briefcase 15 - CC5624S Fits most laptops with screen sizes up to 15.6"	
		Multiple compartments, Integrated compartment to securely store laptop; Integrated tablet pocket for safe and convenient	Multiple compartments, Integrated compartment to securely store laptop; Integrated tablet pocket for safe and convenient storage;	

Specificația tehnică solicitată		Specificația tehnică propusă	
Business Laptop seturi cu Monitor USB-C – seturi. 30			
	storage; Quick-access, front zippered compartment for frequently needed items and Smart Organization panel provides a place for electronics, gadgets and accessories	Quick-access, front zippered compartment for frequently needed items and Smart Organization panel provides a place for electronics, gadgets and accessories	
Keyboard & Mouse combo (same as laptop brand, Black/Silver/Gray)	Bundle wireless full size Keyboard with numeric pad Eng/Rus factory engraved. (Ro – Optional). Mouse, min. 1000 DPI, batteries included. USB Receiver.	Dell Wireless Keyboard and Mouse-KM3322W – Eng/Rus (QWERTY) Bundle wireless full size Keyboard with numeric pad Eng/Rus factory engraved. Mouse, 1000 DPI, batteries included.	
Software			
OS	min. Windows 11 Pro x64	Windows 11 Pro x64	
Warranty	3 years' parts, 3 years' labor, 3 years onsite notebook și monitor 12 month mouse and keyboard	59 months parts, 59 months labor, 59 months onsite for notebook and monitor 12 month mouse and keyboard (notebook battery - 35 months, industry standard maximum, battery being a consumable part)	