CAIET DE SARCINI
pentru achiziția tehnicii de calcul

N.	Cod CPV	Denumirea bunului	Descriere	C-te	Unitatea de măsură
	Lot 1:				
1.1	30213000-5	**Computers**	**Computers** (Workstation, Brand Computer equivalent HP, Dell, Lenovo, Fujitsu, Acer) Minimum requirements: -Operating System: Windows 11 Pro 64-bit English; -Processor: CPU: 12C/20T, Base Frequency: 2.10 GHz, Max Turbo Frequency: 4.90 GHz, Cache: 12MB, TDP 65W, equivalent to i7-12700; -Memory: 16 GB DDR5; -Hard Drive: SSD 512 GB for System; -Hard Drive: HDD 4TB Enterprise; -Graphics Card: 6GB GDDR6, CUDA Cores:3328, equivalent to RTX A2000; -DVD-RW Drive: Reads and Writes to DVD/CD; -Network interface: Integrated 10/100/1000 Gigabit Ethernet LAN; -Front I/O Ports: Minimum 1 headphone/microphone combo or separate, 2x USB; -Card Reader: SD Card Reader; -Expansion slots Minimum: 1 - PCIe x16, 2 - PCIe x4; -Keyboard: USB Keyboard (Eng/Ru); -Mouse: USB Mouse ; -Mouse Pad: Textile mouse pad with rubberized base; -Power supply: 500W internal power supply; -Monitors: (2 x Monitors): Diagonal Size: 23"-24", Panel Type: IPS, LED backlight, Anti-glare, Resolution: Full HD (1920X1080 @ 60 hz), Input Signal: HDMI and DisplayPort, Internal power supply, Height adjustable, Pivot 90°, Cable Included; -Audio: Speakers 2.0, Output power 40 W (total peak), 2 x 20 W (RMS), Frequency range: 40 Hz – 22 kHz, Tweeter diameter: (19 mm), Woofer diameter: (100 mm), Case material: wood (MDF), equivalent SVEN SPS-702; - Headphones: Headphones, Frequency response (Headphones) 18–20,000 Hz (-10 dB), Sound pressure level (SPL) 120dB (1kHz/1Vrms), THD, total harmonic distortion <0.5% (1kHz/100dB), Ear coupling Over-Ear, Jack plug 3.5mm angled, Cable length 1.4m, equivalent Sennheiser HD 400S; -UPS: Output power capacity: 1400 VA, Output Connections: (4) Schuko (Battery Backup+Surge Protection); -Warranty: 2 years.	4	Buc.
1.2	30213000-5	**Computers**	**Computers** (Workstation, Brand Computer equivalent HP, Dell, Lenovo, Fujitsu, Acer) Minimum requirements: -Operating System: Windows 11 Pro 64-bit English; -Processor: CPU: 12C/20T, Base Frequency: 2.10 GHz, Max Turbo Frequency: 4.90 GHz, Cache: 12MB, TDP 65W, equivalent to i7-12700; -Memory: 32 GB DDR5; -Hard Drive: SSD 512 GB for System; -Hard Drive: HDD 4TB Enterprise; -Hard Drive: HDD 4TB Enterprise; -Graphics Card: 12-16GB GDDR6, CUDA Cores: 3328, equivalent to RTX A2000 or RTX A4000; -DVD-RW Drive: Reads and Writes to DVD/CD; -Network interface: Integrated 10/100/1000 Gigabit Ethernet LAN; -Front I/O Ports: Minimum 1 headphone/microphone combo or separate, 2x USB; -Card Reader: SD Card Reader; -Expansion slots Minimum: 1 - PCIe x16, 2 - PCIe x4; -Keyboard: USB Keyboard (Eng/Ru); -Mouse: USB Mouse ; -Mouse Pad: Textile mouse pad with rubberized base; -Power supply: 500W internal power supply; -Monitors: (2 x Monitors): Diagonal Size: 27"-28", Panel Type: IPS, LED backlight, Anti-glare, Resolution: QHD (2560X1440 @ 60 hz), Input Signal: HDMI and DisplayPort, Internal power supply, Height adjustable, Pivot 90°, Cable Included; -Audio: Speakers 2.0, Output power 40 W (total peak), 2 x 20 W (RMS), Frequency range: 40 Hz – 22 kHz, Tweeter diameter: (19 mm), Woofer diameter: (100 mm), Case material: wood (MDF), equivalent SVEN SPS-702; - Headphones: Headphones, Frequency response (Headphones) 18–20,000 Hz (-10 dB), Sound pressure level (SPL) 120dB (1kHz/1Vrms), THD, total harmonic distortion <0.5% (1kHz/100dB), Ear coupling Over-Ear, Jack plug 3.5mm angled, Cable length 1.4m, equivalent Sennheiser HD 400S; -UPS: Output power capacity: 1400 VA, Output Connections: (4) Schuko (Battery Backup+Surge Protection); TV - Size: 32-40 inch, Resolution: FHD, Digital: DVB-T2/T/C/S2/S, Wall mounting: VESA, warranty for TV -Warranty computers: 3 years.	2	Buc.