

Specificații tehnice (F4.1)

[Acest tabel va fi completat de către ofertant în coloanele 3, 4, 5, 7, iar de către autoritatea contractantă – în coloanele 1, 2, 6, 8]

Numărul procedurii de achiziție : ocds-b3wdp1-MD-1622445502915 din 31.05.2021							
Denumirea procedurii de achiziție: Echipament și accesorii pentru computer							
Cod CPV	Denumirea bunurilor	Modelul articolului	Țara de origine	Producătorul	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standard de referință
1	2	3	4	5	6	7	8
LOTUL II. Sistem videoconferință							
48612000-1	2.1 Sistem de videoconferinta	DSP Networked Conference controller VIS-DCP2000-D – 1buc	CHINA	VISSONIC	1. Unitate Centrală de audio conferință digitală – 2 buc. •Include funcția pentru controlul microfoanelor delegațiilor •asigură interconectarea cu alte sisteme externe, cum ar fi: PC, interfața audio, unități interpret; 2. Stația președintelui de masă – 2 buc. •Microfon cu indicator •Difuzor •Buton de prioritate 3. Stația delegațiilor – 23 buc. •Microfon de tip Pluggable •difuzor •Buton On / Off 4. Camera Video Digitala – 4 buc. •Rezoluție minimă 4 Megapixeli •Microfon îmbunătățit •Obiectiv 2.8 mm •Unghi vizualizare 114 deg •Suport SD Card minim 128 GB •Card de memorie integrat 64 GB 5. Switch POE 4 porturi – 2 buc. •4 porturi POE = 2 porturi 10/100Mps •Lățimi de bandă 1.2 Gb 6. Cablaj și materiale de fixare •Suport metallic pentru camera video – 2 bucăți •Cablul UTP CAT5e – 100 m 7. Servicii •Montare cameră video – 4 buc. •Monitoare microfoane – 25 buc. •Trasare cablu •Programare centrul de control audio •Integrare sistem video în platforma ZOOM •Programare Arhivare	Sistem de conferinta pentru sala de 10 persoane. DESCRIEREA SOLUTIEI PROPUSE: Microfoanele vor fi instalate pe masa, conectate intre ele si cu unitatea centrala in lant prin cablu FTP Cat.5e. Unitatea centrala, la randul ei – va fi conectata cu computerul printr-un cablu de semnal audio pentru a transmite semnalul de la microfoane catre participantii la conferinte. Camera de conferinta poate fi instalata pe perete sau pe tavan, este una motorizata, cu zoom optic de pana la 10x. Aceasta va putea fi presetata de a lua pozitia initiala (toata sala, sau anumite locuri) de la telecomanda inclusa in set. Cablul USB permite conectarea camerei de conferinte la orice computer ca si cum ar fi conectata o camera simpla web. Acest fapt va permite utilizarea unei singure camere atat pentru conferintele locale, cat si	

					image •Instruire personal Garanția minimum 24 luni	pentru cele online (Skype, Zoom, Teams, Webex etc) Full Digital Networked DSP Conference Processor One CAT5e cable to transmit up 64 channels audio and other signals The microphone sensitivity of each unit and 16 level equalizer EQ can be adjusted independently The 16-level equalizer EQ to achieve sound or the whole conference field adjustment, limiter to prevent the sound suddenly become loud or low; noise gate of human voice can be identified; support AGC/AFC/ Mix (Auto-mix) technology Interfaces Front panel USB recording interface 3.5mm headphone for monitoring 1x RCA audio input 1x XLR audio input 1x RCA audio output 1x XLR audio output 6x Phoenix interface audio output 2x RJ45 digital audio connection 2x RJ45 for chairman unit, delegate unit, unit translators and other connection 1x DP9 male interface for external control 1x DP9 female interface for camera 1x three-pin phoenix interface for camera control keyboard 1x RJ45 for computer connection or network switcher	
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		VIS-DEC-T + VIS-M485 – 1buc	CHINA	VISSONIC	1x grounding screw 1x 100 ~ 240V DC Power Interface Technical Parameters Power 220V AC Static power consumption 12W Maximum power consumption 150W Frequency Response 20Hz ~ 20KHz Noise ratio (S / N)> 80dB Total harmonic distortion <0.05% Channel Crosstalk> 80dB Consola pentru microfon de conferita VISSONIC VIS-DEC-T + VISSONIC VIS-M485 Gooseneck microphone at least 485mm lenght Button: Touchable interface, no physical buttons Sound Pickup: heart type capacitance Display: OLED display 128 × 32 Sensitivity: -46 dBV / Pa Maximum power consumption: 2.0W Directivity: 0 ° / 180 °> 20 dB (1 kHz) Headphone load: 16Ω Headphone volume: 10mW Headphone jack: 3.5mm stereo Input impedance: 2kΩ SNR: 70dB Frequency response: 20 ~ 20000Hz Equivalent noise: 20dBA (SPL) Main material: ABS	
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		VIS-DED-T + VIS-M485– 9 buc	CHINA	VISSONIC	Operating temperature: 0 °C to + 55 °C Color: Black The maximum sound pressure: 125dB (THD <3%) Weight: 1.1kg (with microphone) Dimension: 185 × 130 × 50mm (width ×depth ×height) (without microphone) Connection: CAT5 / CAT6 cable + snap Consola pentru microfon de conferita VISSONIC VIS-DED-T + VISSONIC VIS-M485 Gooseneck microphone at least 485mm lenght Glass surface with touch button. Two built-in speakers Connecting headphones on one side of the microphone with volume control Fully digital transmission and signal processing with protection against cell phone interference Support for interchangeable gooseneck microphones Meets standards IEC 60914, GBT 15381-94 2 RJ-45 ports for twisted pair cable connection Cat 5 / 5e / 6 to the central controller VIS-DCP1000-D 64-channel digital data and audio bus with “red ring” technology Zero delay in audio transmission. Automatic assignment of device ID in the system. Hot plug and identification of remote controls (Hot-swap)	
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		Conference camera Vissonic VIS-HDC-10 – 1buc	CHINA	VISSONIC	1 x 3.5mm headphone 1 x MIC ON / OFF touch button with LED activity indicator Sampling frequency 48 000 Hz Frequency response 20-20000 Hz. Sensitivity -46 dBV / Pa S / N ratio 70 dB Maximum sound pressure 125 dB (SOI <3%) Maximum consumption 2 watts. Input resistance 3.5 2 kΩ Weight 1.1 kg Dimensions (width x width x height): 120 x 140 x 22 mm (without gooseneck microphone) Color black Conference camera Vissonic VIS-HDC-10 FULL HD 20X Optical Zoom IP Stream(H.264,H.265) Built-in web-server 255 presets (10 presets by remote controller) Video System - HD: 1080p/60, 1080p/50, 1080i/60, 1080i/50, 1080p/30, 1080p/25, 720p/120 (supported by network only), 720p/60, 720p/50, 720p/30, 720p/25, 640x480p/240 (supported by network only, optional) SD: 480i, 576i Sensor - 1/2.8", CMOS, Effective Pixel: 2.07M Scanning Mode - Progressive Lens - 20x, f4.42mm ~ 88.5mm, F1.8 ~ F2.8, or 30x, f4.3mm ~	
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					129.0mm, F1.8 ~ F2.8(Model VIS-CDC-30-S) Digital Zoom - 32x (optional), 16x(optional Model VIS-CDC-30-S) Minimal Illumination - 0.5 Lux @ (F1.8, AGC ON) Shutter - 1/30s ~ 1/10000s White Balance - Auto, 3000K/Indoor, 4000K, 5000K/Outdoor, 6500K_1, 6500K_2, 6500K_3, One Push, Manual Backlight Compensation - Support Digital Noise Reduction- 2D&3D Digital Noise Reduction Video S/N - ≥ 55dB Horizontal Angle of View - $60.7^{\circ} \sim 3.36^{\circ}$ Vertical Angle of View - $34.1^{\circ} \sim 1.89^{\circ}$ Horizontal Rotation Range - $\pm 170^{\circ}$ Vertical Rotation Range - $30^{\circ} \sim +90^{\circ}$ Pan Speed Range - $1.7^{\circ} \sim 100^{\circ}/s$ Tilt Speed Range - $1.7^{\circ} \sim 69.9^{\circ}/s$ H & V Flip - Support Image Freeze - Support Face Detection - Support (optional) Local Storage - Support Number of Preset - 255 Operate System - Windows XP, Windows Vista, Windows 7, Windows 8, Mac OS X, Linux Color System - YUV 4:2:2 Video Format - USB3.0: 1080p/60, 1080p/50, 1080p/30, 1080p/25,	
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		Cablu USB 2.0	CHINA	VISSONIC	720p/60, 720p/50, 720p/30, 720p/25 USB2.0: USB2.0:960x540p/30, 960x540p/25, 640x360p/60, 640x360p/50 Cablu USB 2.0 (inclusiv prelungitor activ USB) Sistem de conferinta pentru sala de 15 persoane. DESCRIEREA SOLUTIEI PROPUSE: Microfoanele vor fi instalate pe masa, conectate intre ele si cu unitatea centrala in lant prin cablu FTP Cat.5e. Camera de conferinta poate fi instalata pe perete sau pe tavan, este una motorizata, cu zoom optic de pana la 20x. Aceasta va fi conectata cu unitatea centrala printr-un cablu FTP Cat.5e pentru a putea fi presetata de a lua pozitia initiala (toata sala) atunci cand nici un microfon nu este activ, sau sa se roteasca si sa mareasca imaginea inspre ultimul microfon activat (on), si printr-un cablu de semnal audio pentru a primi semnalul audio de la microfoane. Cablul USB optic permite conectarea camerei de conferinta la orice computer ca si cum ar fi conectata o camera simpla web (transmitand atat semnalul video, cat si cel audio catre participantii la conferinta online). Acest fapt va permite	
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		DSP Networked Conference controller VIS- DCP2000-D – 1buc	CHINA	VISSONIC		utilizarea unei singure camere atat pentru conferintele locale, cat si pentru cele online (Skype, Zoom, Teams, Webex etc) Full Digital Networked DSP Conference Processor One CAT5e cable to transmit up 64 channels audio and other signals The microphone sensitivity of each unit and 16 level equalizer EQ can be adjusted independently The 16-level equalizer EQ to achieve sound or the whole conference field adjustment, limiter to prevent the sound suddenly become loud or low; noise gate of human voice can be identified; support AGC/AFC/ Mix (Auto- mix) technology Interfaces Front panel USB recording interface 3.5mm headphone for monitoring 1x RCA audio input 1x XLR audio input 1x RCA audio output 1x XLR audio output 6x Phoenix interface audio output 2x RJ45 digital audio connection 2x RJ45 for chairman unit, delegate unit, unit translators and other connection 1x DP9 male interface for external control 1x DP9 female interface for camera 1x three-pin phoenix interface for camera control keyboard 1x RJ45 for computer connection or	
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		VIS-DEC-T + VIS-M485– 1buc	CHINA	VISSONIC	network switcher 1x grounding screw 1x 100 ~ 240V DC Power Interface Technical Parameters Power 220V AC Static power consumption 12W Maximum power consumption 150W Frequency Response 20Hz ~ 20KHz Noise ratio (S / N)> 80dB Total harmonic distortion <0.05% Channel Crosstalk> 80dB Consola pentru microfon de conferita VISSONIC VIS-DEC-T + VISSONIC VIS-M485 Gooseneck microphone at least 485mm lenght Button: Touchable interface, no physical buttons Sound Pickup: heart type capacitance Display: OLED display 128 × 32 Sensitivity: -46 dBV / Pa Maximum power consumption: 2.0W Directivity: 0 ° / 180 °> 20 dB (1 kHz) Headphone load: 16Ω Headphone volume: 10mW Headphone jack: 3.5mm stereo Input impedance: 2kΩ SNR: 70dB Frequency response: 20 ~ 20000Hz Equivalent noise: 20dBA (SPL) Main material: ABS Operating temperature: 0 °C to + 55 °C	
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		VIS-DED-T + VIS-M485– 14 buc	CHINA	VISSONIC	Color: Black The maximum sound pressure: 125dB (THD <3%) Weight: 1.1kg (with microphone) Dimension: 185 × 130 × 50mm (width ×depth ×height) (without microphone) Connection: CAT5 / CAT6 cable + snap Consola pentru microfon de conferita VISSONIC VIS-DED-T + VISSONIC VIS-M485 Gooseneck microphone at least 485mm lenght Glass surface with touch button. Two built-in speakers Connecting headphones on one side of the microphone with volume control Fully digital transmission and signal processing with protection against cell phone interference Support for interchangeable gooseneck microphones Meets standards IEC 60914, GBT 15381-94 2 RJ-45 ports for twisted pair cable connection Cat 5 / 5e / 6 to the central controller VIS-DCP1000-D 64-channel digital data and audio bus with “red ring” technology Zero delay in audio transmission. Automatic assignment of device ID in the system. Hot plug and identification of remote controls (Hot-swap) 1 x 3.5mm headphone 1 x MIC ON / OFF touch button with LED activity indicator	
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		Conference camera Vissonic VIS-CDC-U – 1buc	CHINA	VISSONIC	Sampling frequency 48 000 Hz Frequency response 20-20000 Hz. Sensitivity -46 dBV / Pa S / N ratio 70 dB Maximum sound pressure 125 dB (SOI <3%) Maximum consumption 2 watts. Input resistance 3.5 2 kΩ Weight 1.1 kg Dimensions (width x width x height): 120 x 140 x 22 mm (without gooseneck microphone) Color black Conference camera Vissonic VIS-CDC-U 1080P Full HD USB3.0 must connect PC to use videoconference software like ZOOM, Skype, Teams etc USB Video Communication Protocol UVC 1.0 Sensor 1/2.8", CMOS, Effective Pixel: 2.07M Lens 20x optical zoom, f4.42mm ~ 88.5mm, F1.8 ~ F2.8 Color System YUV 4:2:2 Video Format USB3.0: 1080p/60, 1080p/50, 1080p/30, 1080p/25, 720p/60, 720p/50, 720p/30, 720p/25 Horizontal Rotation Range ±170° Vertical Rotation Range - 30° ~ +90° Pan Speed Range 1.7° ~ 100°/s Tilt Speed Range 1.7° ~ 69.9°/s	
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		Cablu USB 3.0 20m	CHINA	SMARTAVL ink	H & V Flip support HD Output 1xHDMI: v.1.3 Network Interface 1xRJ45: 10M/100M Ethernet Interface Audio Interface 1-ch: 3.5mm Audio Interface, Line In USB 1xUSB3.0: Type B female jack Communication Interface 1xRS232 In: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA/Pelco-D/Pelco-P 1xRS232 Out: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only 1xRS485: 2pin Phoenix Port, Max Distance: 1200m, Protocol: VISCA/Pelco-D/Pelco-P Support protocols TCP/IP, HTTP, RTSP, RTMP, Onvif, DHCP, Multicast Cablu USB 3.0 20m Cablu FTP - 100m Servicii de instalare si setare, inclusiv cabluri si materiale sunt incluse. Garantie 24 luni	
LOTUL IV. IMPRIMANTE						
30232000-4	4.1 Imprimante	Imprimanta Multifunctional a Brother MFC-L2712DW	CHINA	Brother	Imprimantă Multifuncțională laser; Scaner/Printer/Xerox (3:1), Interfață Ethernet (RJ-45); Wi-Fi; Print speed up to 30 ppm; Processor minimum speed 600 MHz; Print features Bi-directional Real-time Status; Interfață USB; Format A4; 1 cartus rezerva; Garanția minimum 36 luni	Imprimanta Multifunctionala Brother MFC-L2712DW mono 4- în-1 cu wireless Funcții Imprimare, Copiere, Scanare, Fax Produs laser clasa 1 (IEC60825 - 1:2014) Memorie 64MB Procesor 600MHz

					Tehnologie Laser Conectivitate Rețea cablată, Wireless Interfață locală Hi-Speed USB 2.0 Wi-Fi Direct Imprimare prin wireless fără a fi nevoie de un punct de acces wireless Interfață de rețea cablată 10Base- T/100Base-TX Interfață de rețea wireless IEEE 802.11b/g/n Conectivitate mobila AirPrint, Cortado Cloud Print, Google Cloud Print 2.0, iPrint&Scan, Brother Print Service Plugin, Mopria Copiere: Rezoluție 600 x 600dpi Viteză de copiere A4 mono 30 copii pe minut Tipuri și dimensiuni Tava standard - A4, Letter, A5, A5 (Long Edge), A6, Executive, Fanta de alimentare manuală - Lățime 76,2 - 215,9 mm, lungime 127 - 355,6 mm (imprimarea duplex automată suportă doar format A4), ADF (Alimentator automat de documente) - lățime 147,3 - 215,9 mm, lungime 147,3 - 355,6 mm Rețea cablată 10Base-T/100Base- TX Securitatea rețelei cablate SMTP- AUTH, SSL/TLS, SNMP v3 Rețea wireless IEEE 802.11b/g/n (Mod infrastructură/Ad-hoc) IEEE 802.11g (Wi-Fi Direct) Securitatea rețelei wireless WEP 64/128 bit, WPA-PSK (TKIP/AES). WPA2-PSK	
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					(TKIP/AES), SMTP-AUTH, SSL/TLS, SNMP v3 Suport configurare wireless Da Intrare hârtie Tavă standard de 250 coli, fantă de alimentare manuală 1 coală, ADF de 50 de coli ieșire hârtie 120 coli cu fața în jos / 1 coală cu fața în sus (traseu drept al hârtiei) Imprimare: Viteză de imprimare A4, față-verso Până la 15 fețe pe minut Viteză de imprimare A4, standard Până la 30 pagini pe minut Rezoluție 600 x 600dpi, HQ1200 (2400 x 600dpi) Imprimare automată față-verso Da Scanare: Rezoluție Până la 1,200 x 1,200dpi (de pe fereastra scannerului), până la 600 x 600dpi (din ADF) până la 19,200 x 19,200dpi (interpolată) Viteză 23,6/7,5 ipm (mono/color) ADF Toner inițial - 700 pagini , toner standard (TN-2411) + Rezerva toner Orink capacitate mare (TN-2421) Garanție 36 luni	
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Semnat: _____ Numele, Prenumele: Constantin Alexandru
 Ofertantul: Triomac SRL Adresa: Orhei, str Stefan cel Mare 3, of 16

În calitate de: director