

**SPECIFICAȚII TEHNICE (F4.1)**

ID : ocds-b3wdp1-MD-1568181333693; 30200000-1 - Echipament și accesorii pentru computer	Data: 11.10.2019	Alternativa nr. N/A
Denumirea Beneficiar: <b>IP Universitatea de Stat de Medicină și Farmacie "Nicolae Testemițanu"</b>	Valabilitatea ofertei: 60 zile	Pagina __ din __

Cod CPV	Denumirea bunurilor	Modelul articolului	Producătorul / Țara de origine	Specificarea tehnică deplină solicitată de către autoritatea contractantă	Specificarea tehnică deplină propusă de către ofertant	Standard de referință
LOTUL_35 30200000-1	Computer de tip monobloc (All-in-one)	Veriton Z4860G	ACER/China	In conformitate cu specificatia tehnica solicitata in caietul de sarcini pentru achiziționarea bunurilor Computer de tip monobloc(All-in-one) (BRAND NAME) Note 1.Computerul să fie preconizat pentru a fi instalat/fixat pe masă; 2.Tot echipamentul să fie certificat de producător, să fie ambalat; 3.Tot echipamentul să aibă service centru în Moldova autorizat de producător; 4.Monitorul și accesoriiile să fie de aceeași culoare (dar să nu fie albe); 5.Echipamentul sa aibă certificat de conformitate 6.Garanția pentru tot echipamentul minim 3 ani.	<ul style="list-style-type: none"> <li><b>PC Desktop All-In-One ACER VERITON Z4860G</b></li> </ul> Display: Size (inches): 23.8" FHD IPS Display resolution: 1920 x 1080 Brightness (cd/m2 ): 250 nits Backlight: LED Aspect ratio: 16:9 CPU: Intel® Core i5-9400, 9- Generation, 2.9-4.1GHz (6Core/6Threads), 9MB Cache, Intel UHD Graphics 630, 14nm, 65W MB Chipset: Intel® B360 Express Chipset RAM 8GB DDR4 2666MHz (1x8GB) Up to 64 GB of Dual-channel DDR4 2666 MHz HDD & SSD: 128 GB SSD + 1000 GB 7200 RPM 64MB HDD VGA: Integrat min. Intel UHD Graphics 630 LAN: Gigabit Ethernet 10/100/1000 Mbps & 802.11ac/a/b/g/n, aggregate bandwidth up to 1.73 Gbps Bluetooth® 5.0 (Intel 9560 NGW) Audio: Integrated high-definition sound Built-in stereo speakers Video conferencing Integrated 2.0 MP Full HD high-sense webcam Ports and connectors: Two USB 3.1 Gen 1 ports , USB Type-C™ port, 3 x USB 3.1 Gen 2 port Ethernet (RJ-45) port, VGA port, DisplayPort™, HDMI®-in port, Audio jacks, Microphones, Webcam, Kensington lock slot Internal slots: PCIe x16 slot: 1 M.2 slot (for SSD): 1 M.2 slot (for WLAN): 1 Security chip : TPM v2.0 (Trusted Platform Module) One-button recovery (OBR) 100% solid capacitors Accesorii incluse: USB RUS/ENG ACER Keyboard & ACER USB Optical Mouse OS: Windows 10 Pro 64-bit, preinstalat <ul style="list-style-type: none"> <li><b>GARANTIA: 36LUNI</b></li> </ul>	Moldova Standard ISO9001 ISO14001 Energy STAR Certified, TCO Certified; RoHS Compliant; EU Declaration of Conformity EnergyStar, EPEAT Gold Certified
LOTUL_39 30200000-1	39.1. Sistem de proiecție portabil	Optoma EH461 Sopar Tripod	Optoma/China Sopar/Italia	In conformitate cu specificatia tehnica solicitata in caietul de sarcini pentru achiziționarea bunurilor	<ul style="list-style-type: none"> <li><b>Sistem de proiecție portabil include:</b></li> <li><b>Video Proiector Optoma EH461 &amp; Sopar Tripod 180x180cm</b></li> </ul> Bright Full HD 1080p (Full HD (1920x1080) projector - 5000 ANSI Lumens/ 20,000:1 Display technology DLP Resolution 1080p Full HD (1920x1080)/ Brightness 5,000 lumens/ Contrast ratio 20,000:1/ Native aspect ratio 16:9/ Aspect ratio – compatible 4:3/ Keystone correction – horizontal +/-25° Keystone correction – vertical +/-30°/ Horizontal scan rate 15.375 ~ 91.146Khz/ Vertical scan rate 24 ~ 85(120 for 3D)Hz/ Uniformity 75% Screen size 0.96m ~ 5.3m (37.98" ~ 208.5") diagonal/ 285 W/2500 (Bright), 4500 (Dynamic), 3500 (Eco), 4500 (Eco+)/ Throw ratio 1.22:1 ~ 1.46:1/ Projection distance (m) 1.23m - 5.63m/ Zoom 1.2/ Zoom type Manual/ Focal length (mm)	Moldova Standard ISO9001 ISO14001 Energy STAR Certified, TCO Certified; RoHS Compliant; EU Declaration of Conformity EnergyStar, EPEAT Gold Certified

					<p>16.87 ~ 21.87/ Native offset 115%/ Inputs 1 x HDMI 1.4a 3D support, 1 x HDMI 1.4a 3D support + 1 (YPbPr/RGB), 1 x Audio 3.5mm, 1 x USB-A reader/ Outputs 1 x VGA (YPbPr/R/ Control 1 x USB-A wir 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse GB), 1 x Audio 3.5mm</p> <p>Easy connectivity – 2x HDMI + MHL, RJ45, USB Power, 12V Trigger Quality audio featuring 10W speaker Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands Sopar Tripod Screen "Junior" 180x180cm, format: 1:1, Front white Lenticular/Rear Black, Viewing angle 150°/ Cablu HDMI 5M inclus</p> <p><b>GARANTIA: 24LUNI_Poriector/12 LUNI_LAMPA</b></p>	
<p>LOTUL_39 30200000-1</p>	<p>39.2 Panou Interactiv</p>	<p>Prowise Touchscreen 55" &amp; Suport de perete Legrand LTM1U</p> <p><a href="https://www.prowise.com/en/touchscreens/">https://www.prowise.com/en/touchscreens/</a></p>	<p>Prowise &amp; Legrand</p>	<p>In conformitate cu specificatia tehnica solicitata in caietul de sarcini pentru achiziționarea bunurilor</p>	<ul style="list-style-type: none"> <li>• <b>Panou Interactiv include:</b></li> <li>• <b>Prowise Touchscreen 55" &amp; Suport Legrand LTM1U</b></li> </ul> <p>Prowise Touchscreens 55": PW.1.15055.0001/ Brushed aluminium (grey)/ Diagonal 55 inch/ Panel type Ultra HD LED – IPS/ Resolution 3840 x 2160 @ 60Hz/ Glass plate Anti-Glare Pro/ Glass thickness 4 mm 0.16 inches/ Aspect ratio 16:9/ Contrast ratio/ Dynamic contrast ratio 4000:1/ Brightness 350 cd/m2/ Number of colors 10 Bit (1.07B)/ Viewing angle 178°/ Panel refresh rate 60Hz/ PC-module slot Yes, OPS slot/ Type HApró 3/ Multi-touch Yes (32 points)/ Multi-writing Yes (16 points)/ Auto-calibration Yes/ Resistant to sunlight Yes/ Speakers 2.1 sound (3 speakers)/ Front speaker power 2 x 18W (8Ω)/ Sub woofer power 1 x 15W (8Ω)/ Dolby Audio Yes/ Type Microphone Array/ Number of Microphones x4/ Auto Switch (Windows/Central) Yes /Number of pens 2/ Multi-color writing Yes/ Multi-size writing Yes/ Android version Android 8.0/ Storage 32GB/ Memory 4GB/ Over the Air Updates (OTA) Yes/ NFC reader / writer Yes/ Connection: HDMI 2.0 x2/ HDMI 2.0 (CEC &amp; ARC) x1 (with CEC and ARC support)/ Total HDMI 2.0 x3/ VGA x1/ Audio output analog 1 (3.5 mm headphone jack PJ3591 female)/ Audio output digital 1 (RCA composite female)/ RS232 control x1 (Sub-D, 9 pins)/ USB touch port x1 (USB-B female)/ USB 2.0 x2/ USB 3.0 1/ Wi-Fi for online updates Yes/ VESA standard VESA 400 x 400 mm/ Supported OS Windows 7, 8.1 &amp; 10/Mac OS/Linux/Android and Chrome OS/ Licență gratuită de software pentru 1 an (pentru institutiile din domeniul educational)</p> <p>SUPPORT pentru perete VESA este inclus ca dotare standard: Large Fusion Micro-Adjustable Tilt Wall Mount/Centerless Shift provides up to 17.5" (445 mm) of post-installation lateral shift - 8.75" (222 mm) left/right of uprights - for limitless centering/ Typical Screen Sizes42 - 86"</p> <p>opțional, ecranul se poate monta pe un stand de podea mobil ajustabil Stand mobilStand pe rotile, motorizat pentru panoul interactiv; Ajustare pe înălțime cu setare regim masa interactiva sau regim panou interactive/ Reglare inaltime de la 730mm la 1300mm</p> <p>Instalarea, setarea si punerea in functiune a echipamentului, inclusiv materialele, cablurile si conectorii necesari (audio video si electrici) precum si initierea a minim 2 persoane pentru lucrul cu panoul interactive.</p> <p><b>GARANTIA: 60LUNI</b></p>	<p>ISO9001 ISO14001 Energy STAR Certified, TCO Certified; RoHS Compliant; EU Declaration of EU Conformity</p>



				<p>Optiuni de voting sau classroom response system;  Videoplayer integrat pentru rularea materialelor video;  Instalare fara driver (pentru sistem de operare Windows 10);  Integrare nativa in solutiile de videoconferinta;</p> <table border="1"> <tr> <td>Dimensiuni</td> <td>169.20 x 128.40 cm</td> </tr> <tr> <td>Diagonala</td> <td>83 inch   210 cm</td> </tr> <tr> <td>Puncte de contact</td> <td>2 / 4 / 6 / 10 puncte independente - Deget / Marker Touch</td> </tr> <tr> <td>Tehnologie</td> <td>IR Cell Optical LED</td> </tr> <tr> <td>Calibrare</td> <td>9 puncte</td> </tr> <tr> <td>Rezolutie</td> <td>32768 x 32768</td> </tr> <tr> <td>Precizie</td> <td>1 mm</td> </tr> <tr> <td>Format</td> <td>4:3</td> </tr> <tr> <td>Durata de viata a sistemului touch</td> <td>Nelimitata</td> </tr> <tr> <td>Suprafata tabla</td> <td>Ceramic-steel (E3) / Pre-painted Steel</td> </tr> <tr> <td>Reflexie lumina ambientala</td> <td>Zero</td> </tr> <tr> <td>Dimensiune suprafata activa</td> <td>1586 mm x 1178 mm</td> </tr> <tr> <td>Diagonala suprafata activa</td> <td>78" inch   198 cm</td> </tr> <tr> <td>Interfata</td> <td>USB 2.0 (HID Compliant), 2.4 GHz Wireless (optional)</td> </tr> <tr> <td>Sisteme de operare</td> <td>Windows XP/Vista/7/8/8.1/10, Linux, MAC</td> </tr> <tr> <td>Grosime</td> <td>30 mm, fara penray</td> </tr> <tr> <td>Greutate</td> <td>18.80 Kg, net</td> </tr> <tr> <td>Alimentare</td> <td>USB 5V; Consum energie &lt; 250 mA</td> </tr> <tr> <td>Garantie</td> <td>3 ani, integral</td> </tr> <tr> <td>Certificari</td> <td>EMC Directive 2004, CE, FCC, RoHS, ISO 9001, ISO 14001</td> </tr> <tr> <td>Accesorii incluse</td> <td>Cablu USB lungime 9 m (extensie pana la 15 m disponibila), Kit de montare pe perete, Interactive penray, Marker - 2 bucati, Software profesional in limba romana, Manual software in limba romana, Manual tabla interactiva in limba romana</td> </tr> </table> <ul style="list-style-type: none"> <li>• <a href="#">WXGA Ultra Short Throw Projector W319UST</a>  WXGA (1280x800) up to WUXGA (1920 x 1200), super-bright 3300 ANSI Lumens / 18000:1 / 16:10 (native), 4:3, 16:9 / 0.27:1 (distance/width) - +5% Variance / 19.1"-25.8" (0.485m - 0.656m) / 85"-115" / 3000/5000/5000/6500 Hrs (Bright/ECO/Dynamic/ECO+) /Powerful 16W built-in speaker/ Large shadow-free images from a short distance  Multiple connections, including two HDMI inputs, RJ45 control and monitoring/ Full Function IR Remote with Laser/ HDMI-1 Audio1-In (RCA) VGA2-In/VGA-Out VGA1-In (YPbPr/RGB) MIC Composite Video USB mini (mouse/service) Audio2-In (3.5 mm) RJ45 AC Power USB (Power) 3D Sync RS-232C HDMI-2 12V Trigger Audio2-Out (3.5 mm) 1</li> <li>• <a href="#">Suport - OPTOMA UST Projector Mount OWM3000</a></li> <li>• <a href="#">Sistem audio 20W pentru tabla interactiva, cu USB decoder</a></li> </ul> <p>Accesorii incluse: Cable VGA - 10m/ Cable HDMI - 10m/ Power Cord PC-220V 10.0m</p> <ul style="list-style-type: none"> <li>• <a href="#">PC Desktop ACER Veriton N4660G Mini PC</a>  Intel® Core® i3-8100 3.6GHz 6MB Cache, 4GB DDR4 RAM, 2.5" SSD 256GB, No ODD, Intel® UHD 610 Graphics, DP, HDMI, USB-C, COM-port, GigLAN, Wi-</li> </ul>	Dimensiuni	169.20 x 128.40 cm	Diagonala	83 inch   210 cm	Puncte de contact	2 / 4 / 6 / 10 puncte independente - Deget / Marker Touch	Tehnologie	IR Cell Optical LED	Calibrare	9 puncte	Rezolutie	32768 x 32768	Precizie	1 mm	Format	4:3	Durata de viata a sistemului touch	Nelimitata	Suprafata tabla	Ceramic-steel (E3) / Pre-painted Steel	Reflexie lumina ambientala	Zero	Dimensiune suprafata activa	1586 mm x 1178 mm	Diagonala suprafata activa	78" inch   198 cm	Interfata	USB 2.0 (HID Compliant), 2.4 GHz Wireless (optional)	Sisteme de operare	Windows XP/Vista/7/8/8.1/10, Linux, MAC	Grosime	30 mm, fara penray	Greutate	18.80 Kg, net	Alimentare	USB 5V; Consum energie < 250 mA	Garantie	3 ani, integral	Certificari	EMC Directive 2004, CE, FCC, RoHS, ISO 9001, ISO 14001	Accesorii incluse	Cablu USB lungime 9 m (extensie pana la 15 m disponibila), Kit de montare pe perete, Interactive penray, Marker - 2 bucati, Software profesional in limba romana, Manual software in limba romana, Manual tabla interactiva in limba romana
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<p>LOTUL_39</p> <p>30200000-1</p>	<p>39.4. Sistem Tablă interactivă tip 2</p>	<p><b>IQBoard DTO-83 Premium 83"</b></p> <p><b>Optoma X320UST</b></p> <p><b>OWM3000</b></p> <p><b>AMP-32-20W</b></p> <p><a href="https://www.iqboard.ro/index.php/table-interactive/seria-premium/tabla-interactiva-diagonala-83-210-cm">https://www.iqboard.ro/index.php/table-interactive/seria-premium/tabla-interactiva-diagonala-83-210-cm</a></p> <p><a href="https://www.proiector24.ro/home/sistem-audio-pentru-tabla-interactiva-20w-cu-usb-decoder.html">https://www.proiector24.ro/home/sistem-audio-pentru-tabla-interactiva-20w-cu-usb-decoder.html</a></p>	<p><b>IQBoard/ Optoma/Acer</b></p> <p><b>CHINA</b></p>	<p>In conformitate cu specificatia tehnica solicitata in caietul de sarcini pentru achiziționarea bunurilor</p>	<ul style="list-style-type: none"> <li>• <b>Sistem Tablă interactivă tip 1 include:</b></li> <li>• <b>Tabla interactiva IQboard DTO-83 Premium 83" + Videoproiector Optoma X320UST + Suport - OPTOMA UST Projector Mount OWM3000 + incinte acustice AMP-32-20W</b></li> <li>• <b>PC Desktop ACER Veriton N4660G Mini PC</b></li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <u>Tabla Interactiva seria Premium - Diagonala 83"   210 cm,</u></li> </ul> <p>Software Limba Romana, Multi-Touch 10 puncte</p> <p>Poate fi utilizata atat cu degetul, cat si cu marker-ul;</p> <p>Tehnologie Multi-Touch 10 puncte ce permite pana la 10 utilizatori simultan (6 in versiunea wireless);</p> <p>Suprafata anti-zgariere, anti-reflexie si speciala pentru proiectie;</p> <p>Software gratuit in limba romana, multidisciplinar, ce sporeste interactiunea didactica dintre profesor si elev;</p> <p>Viteza impresionanta de procesare a comenzilor si rulare a continuturilor multimedia;</p> <p>Recunoastere gesturi si a scrisului de mana;</p> <p>Biblioteca incorporata care poate fi imbogatita foarte usor prin inserarea de imagini, flash, audio, video, modele 3D s.a.m.d.</p> <p>Unelte de desen / scriere cu functie de scriere si stergere simultana;</p> <p>Functie de calibrare automata, printr-un singur buton de actiune;</p> <p>Functie multi-color: detectie automata a numarului si culorilor markerelor ridicate din Pen Tray;</p> <p>Functii avansate de inregistrare, salvare si reacesare a lectiilor intr-un numar mare de formate (word, pdf, jpeg, etc.);</p> <p>Functie Text Speech care pronunta cuvintele tastate / scrise;</p> <p>Functie de marire / micorare imbunatatita;</p> <p>Versiune mobila a software-ului prin aplicatia e-Note, cu editari in timp real</p> <p>Configurare rapida si completa in cativa pasi, fara cunostinte tehnice;</p> <p>Zero costuri de intretinere;</p> <p>Suprafata de scriere cu marker tip whiteboard, usor de curatat;</p> <p>Software in limba romana gratuit, pentru un numar nelimitat de utilizatori;</p> <p>Software multidisciplinar adaptat curriculumului specific: matematica, chimie, biologie, fizica, geografie etc.;</p> <p>Pana la 10 utilizatori pot scrie simultan cu culori diferite;</p> <p>Mai multi utilizatori pot folosi simultan gesturi diferite: micorare, marire, rotire, inclinare;</p> <p>Compatibilitate cu Smart Board, Promethean, Hitachi, Mimio;</p>	<p>Moldova Standard ISO9001 ISO14001 Energy STAR Certified, TCO Certified; RoHS Compliant; EU Declaration of Conformity EnergyStar, Epea Gold Certified</p>

				<p>Machete, ilustratii, figuri 3D etc., care pot fi marite / micorate sau rotite la 360 grade pentru analiza detaliata;</p> <p>Integrare cu cele mai populare si accesate formate: Microsoft Office, PDF, JPEG etc.</p> <p>Suport pentru aplicatii educationale 3rd-party;</p> <p>Suport integrat pentru adnotari - Microsoft Office Annotation Tools;</p> <p>Tastatura virtuala incorporata;</p> <p>Browser integrat pentru navigare pe Internet;</p> <p>Bara de instrumente personalizabila;</p> <p>Optiuni de voting sau classroom response system;</p> <p>Videoplayer integrat pentru rularea materialelor video;</p> <p>Instalare fara driver (pentru sistem de operare Windows 10);</p> <p>Integrare nativa in solutiile de videoconferinta;</p> <table border="1"> <tr> <td>Dimensiuni</td> <td>169.20 x 128.40 cm</td> </tr> <tr> <td>Diagonala</td> <td>83 inch   210 cm</td> </tr> <tr> <td>Puncte de contact</td> <td>2 / 4 / 6 / 10 puncte independente - Deget / Marker Touch</td> </tr> <tr> <td>Tehnologie</td> <td>IR Cell Optical LED</td> </tr> <tr> <td>Calibrare</td> <td>9 puncte</td> </tr> <tr> <td>Rezolutie</td> <td>32768 x 32768</td> </tr> <tr> <td>Precizie</td> <td>1 mm</td> </tr> <tr> <td>Format</td> <td>4:3</td> </tr> <tr> <td>Durata de viata a sistemului touch</td> <td>Nelimitata</td> </tr> <tr> <td>Suprafata tabla</td> <td>Ceramic-steel (E3) / Pre-painted Steel</td> </tr> <tr> <td>Reflexie lumina ambientala</td> <td>Zero</td> </tr> <tr> <td>Dimensiune suprafata activa</td> <td>1586 mm x 1178 mm</td> </tr> <tr> <td>Diagonala suprafata activa</td> <td>78" inch   198 cm</td> </tr> <tr> <td>Interfata</td> <td>USB 2.0 (HID Compliant), 2.4 GHz Wireless (optional)</td> </tr> <tr> <td>Sisteme de operare</td> <td>Windows XP/Vista/7/8/8.1/10, Linux, MAC</td> </tr> <tr> <td>Grosime</td> <td>30 mm, fara pentray</td> </tr> <tr> <td>Greutate</td> <td>18.80 Kg, net</td> </tr> <tr> <td>Alimentare</td> <td>USB 5V; Consum energie &lt; 250 mA</td> </tr> <tr> <td>Garantie</td> <td>3 ani, integral</td> </tr> <tr> <td>Certificari</td> <td>EMC Directive 2004, CE, FCC, RoHS, ISO 9001, ISO 14001</td> </tr> <tr> <td>Accesorii incluse</td> <td>Cablu USB lungime 9 m (extensie pana la 15 m disponibila), Kit de montare pe perete, Interactive pentray, Marker - 2 bucati, Software profesional in limba romana, Manual software in limba romana, Manual tabla interactiva in limba romana</td> </tr> </table> <ul style="list-style-type: none"> <li>• <b>WXGA Ultra Short Throw Projector X320UST</b></li> </ul> <p>Display technology DLP/ Resolution XGA (1024x768)/ Brightness 4,000 lumens  Contrast ratio 20,000:1/ Native aspect ratio 16:9/ Aspect ratio – compatible 4:3,16:9  Keystone correction – vertical +/-15°/ Horizontal scan rate 15.3 ~ 91.1Khz/ Vertical scan rate 24 ~ 85(120 for 3D)Hz/ Uniformity 85%/ Screen size 1.78m ~ 2.54m (70" ~ 100") diagonal/ 260W/ Lamp life hours (up to) 3000 (Bright), 5000 (Dynamic), 5000 (Eco), 6500 (Eco+), 10000 (Education)/ throw ratio 0.33:1/ Projection distance (m) 0.47m - 0.68m/ Zoom type Fixed/Focal length (mm) 3.72/ Native offset 117%/  Inputs 2 x HDMI 1.4a 3D support, 2 x VGA (YPbPr/RGB), 1 x Composite video, 1 x Audio 3.5mm, 1 x Audio RCA L&amp;R/ Outputs 1 x VGA shared with VGA2, 1 x Audio</p>	Dimensiuni	169.20 x 128.40 cm	Diagonala	83 inch   210 cm	Puncte de contact	2 / 4 / 6 / 10 puncte independente - Deget / Marker Touch	Tehnologie	IR Cell Optical LED	Calibrare	9 puncte	Rezolutie	32768 x 32768	Precizie	1 mm	Format	4:3	Durata de viata a sistemului touch	Nelimitata	Suprafata tabla	Ceramic-steel (E3) / Pre-painted Steel	Reflexie lumina ambientala	Zero	Dimensiune suprafata activa	1586 mm x 1178 mm	Diagonala suprafata activa	78" inch   198 cm	Interfata	USB 2.0 (HID Compliant), 2.4 GHz Wireless (optional)	Sisteme de operare	Windows XP/Vista/7/8/8.1/10, Linux, MAC	Grosime	30 mm, fara pentray	Greutate	18.80 Kg, net	Alimentare	USB 5V; Consum energie < 250 mA	Garantie	3 ani, integral	Certificari	EMC Directive 2004, CE, FCC, RoHS, ISO 9001, ISO 14001	Accesorii incluse	Cablu USB lungime 9 m (extensie pana la 15 m disponibila), Kit de montare pe perete, Interactive pentray, Marker - 2 bucati, Software profesional in limba romana, Manual software in limba romana, Manual tabla interactiva in limba romana
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Interfata	USB 2.0 (HID Compliant), 2.4 GHz Wireless (optional)																																													
Sisteme de operare	Windows XP/Vista/7/8/8.1/10, Linux, MAC																																													
Grosime	30 mm, fara pentray																																													
Greutate	18.80 Kg, net																																													
Alimentare	USB 5V; Consum energie < 250 mA																																													
Garantie	3 ani, integral																																													
Certificari	EMC Directive 2004, CE, FCC, RoHS, ISO 9001, ISO 14001																																													
Accesorii incluse	Cablu USB lungime 9 m (extensie pana la 15 m disponibila), Kit de montare pe perete, Interactive pentray, Marker - 2 bucati, Software profesional in limba romana, Manual software in limba romana, Manual tabla interactiva in limba romana																																													

					<p>3.5mm, 1 x USB-A power 2A Control 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service, 1 x 3D sync/ LAN - control</p> <ul style="list-style-type: none"> <li>• <u>Suport - OPTOMA UST Projector Mount OWM3000</u></li> <li>• <u>Sistem audio 20W pentru tabla interactiva, cu USB decoder</u></li> </ul> <p>Accesorii incluse: Canal cablu/ Cable HDMI - 10m/ Power Cord PC-220V 10.0m</p> <ul style="list-style-type: none"> <li>• <u>PC Desktop ACER Veriton N4660G Mini PC</u></li> </ul> <p>Intel® Core® i3-8100 3.6GHz 6MB Cache, 4GB DDR4 RAM, 2.5" SSD 256GB, No ODD, Intel® UHD 610 Graphics, DP, HDMI, USB-C, COM-port, GigLAN, Wi-Fi/AC+BT5.0, 65W PSU, Endless OS, ACER Combo Wireless Keyboard &amp; Optical Mouse, VESA kit, Black</p> <p>Instalarea, setarea si punerea in functiune a echipamentului, inclusiv materialele, cablurile si conectorii necesari (audio video si electrici) precum si initierea a minim 2 persoane pentru lucrul cu panoul interactive</p> <ul style="list-style-type: none"> <li>• <b>GARANTIA: 36LUNI_Tabla Interactiva &amp; PC Desktop</b></li> <li>• <b>GARANTIA: 24LUNI_Poriector / 12 LUNI_ LAMPA</b></li> </ul>	
<p>LOTUL_39 30200000-1</p>	<p><b>39.5. Sistem de proiectie automatizat cu sonorizare si wireless video tip1</b></p>	<p><b>Optoma EH461</b></p> <p><b>Optoma OCM815W</b></p> <p><b>Sopar Nema 5252HTRN</b></p> <p><b>HDCast Pro</b></p> <p><b>AMP-32-20W</b></p> <p><a href="https://www.optomaeurope.com/product-details/eh461#specifications">https://www.optomaeurope.com/product-details/eh461#specifications</a></p> <p><a href="http://static.optoma.co.uk/product-details/ocm815w">http://static.optoma.co.uk/product-details/ocm815w</a></p> <p><a href="http://static.optoma.co.uk/product-details/hdcast-pro">http://static.optoma.co.uk/product-details/hdcast-pro</a></p>	<p><b>Optoma/ Sopar/ IQboard</b></p> <p><b>China/Italia</b></p>	<p>In conformitate cu specificatia tehnica solicitata in caietul de sarcini pentru achiziționarea bunurilor</p>	<ul style="list-style-type: none"> <li>• <b>Sistem proiectie automatizat cu sonorizare si wireless video tip_1 include:</b></li> <li>• <b>VideoProiector Optoma EH461 + Support Optoma OCM815W+ Sopar TAURUS Electric Screens TENSIONATO + Sopar Remote Radio Control (for Electrical Projector Screen)+ HDCast Pro + incinte acustice AMP-32-20W</b></li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <u>VideoProiector Optoma EH461</u></li> </ul> <p>Display technology DLP/ Bright Full HD 1080p projector - 5000 ANSI Lumens Display technology DLP Resolution 1080p Full HD (1920x1080)/ Brightness 5,000 lumens/ Contrast ratio 20,000:1/ Native aspect ratio/ 16:9/ Aspect ratio – compatible 4:3/ Keystone correction – horizontal +/-25°/ Keystone correction – vertical +/-30°/ Horizontal scan rate 15.375 ~ 91.146KHz/ Vertical scan rate 24 ~ 85(120 for 3D)Hz/ Uniformity 75%/ Screen size 0.96m ~ 5.3m (37.98" ~ 208.5") diagonal/ 285 Lamp life hours (up to) 2500 (Bright), 4500 (Dynamic), 3500 (Eco), 4500 (Eco+)/ Throw ratio 1.22:1 ~ 1.46:1/ Projection distance (m)/ 1.23m - 5.63m/ Zoom 1.2 Zoom type Manual/ Focal length (mm)/ 16.87 ~ 21.87/ Native offset 115%/ Inputs 1 x HDMI 1.4a 3D support, 1 x HDMI 1.4a 3D support + MHL, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x USB-A reader/ Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm/ Control 1 x USB-A wireless, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service/ LAN – control Yes/ Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands/ Quality audio featuring 10W speaker</p> <ul style="list-style-type: none"> <li>• <u>Suport Tavan- OPTOMA OCM815W</u></li> <li>• <u>Sistem audio AMP-32-20W 20W</u></li> <li>• <u>Sopar Electric Taurus Tensioned</u></li> </ul> <p>Ecran Electric Wiev.Area (244 X 175)/Motorised/Format 16:9/Black Border/rear black Diagonal Viewing (inch) 110"/ Black Border R &amp; L (mm)50/ Black Border Bottom</p>	<p>Moldova Standard ISO9001 ISO14001 Energy STAR Certified, TCO Certified; RoHS Compliant; EU Declaration of Conformity EnergyStar, EPEAT Gold Certified</p>

					<p>(mm)50/ Black Border Top (mm) 350/ Aluminium Case with In-Site / Sopar Remote Radio Control (for Electrical Projector Screen)/</p> <ul style="list-style-type: none"> <li>• <u>Wireless presentations Optoma HDCast Pro</u> Project wirelessly from laptop or mobile device Wirelessly present documents, images and videos Supports Full HD 1080p Compatible with Miracast™ and DLNA™/ Wireless - range 10m Wireless - antenna Built in Wireless - operating frequency 2.4GHz Wireless - technology IEEE 802.11 b/g/n 2T2R single band/ Inputs 1 x micro USB power/ Outputs 1 x HDMI/ 720p60, 1080p24/30</li> </ul> <p>Instalarea, setarea si punerea in functiune a echipamentului, inclusiv materialele, cablurile si conectorii necesari (audio video si electrici) precum si initierea a minim 2 persoane pentru lucrul cu panoul interactive</p> <ul style="list-style-type: none"> <li>• <b>GARANTIA: 24LUNI_Poriector &amp; HDCast Pro / 12 LUNI_LAMPA &amp; Ecran + Support+ Incinte acustice</b></li> </ul>	
<p>LOTUL_39 30200000-1</p>	<p><b>39.6 Sistem de proiectie automatizate u sonorizare si wireless video tip2</b></p>	<p><b>Optoma EH461</b></p> <p><b>Optoma OCM815W</b></p> <p><b>Sopar Nema 5252HTRN</b></p> <p><b>HDCast Pro AMP-32-20W</b></p> <p><a href="https://www.optomaeurope.com/product-details/eh461#specifications">https://www.optomaeurope.com/product-details/eh461#specifications</a></p> <p><a href="http://static.optoma.co.uk/product-details/ocm815w">http://static.optoma.co.uk/product-details/ocm815w</a></p> <p><a href="http://static.optoma.co.uk/product-details/hdcast-pro">http://static.optoma.co.uk/product-details/hdcast-pro</a></p>	<p><b>Optoma/ Sopar/ IQboard</b></p> <p><b>China/Italia</b></p>	<p>In conformitate cu specificatia tehnica solicitata in caietul de sarcini pentru achiziționarea bunurilor</p>	<ul style="list-style-type: none"> <li>• <b>Sistem proiectie automatizat cu sonorizare si wireless video tip_1 include:</b></li> <li>• <b>VideoProiector Optoma EH461 + Support Optoma OCM815W+ Sopar TAURUS Electric Screens TENSIONATO + Sopar Remote Radio Control (for Electrical Projector Screen) + HDCast Pro + incinte acustice AMP-32-20W</b></li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <u>VideoProiector Optoma EH461</u> Display technology DLP/ Bright Full HD 1080p projector - 5000 ANSI Lumens Display technology DLP Resolution 1080p Full HD (1920x1080)/ Brightness 5,000 lumens/ Contrast ratio 20,000:1/ Native aspect ratio/ 16:9/ Aspect ratio – compatible 4:3/ Keystone correction – horizontal +/-25°/ Keystone correction – vertical +/-30°/ Horizontal scan rate 15.375 ~ 91.146Khz/ Vertical scan rate 24 ~ 85(120 for 3D)Hz/ Uniformity 75%/ Screen size 0.96m ~ 5.3m (37.98" ~ 208.5") diagonal/ 285 Lamp life hours (up to) 2500 (Bright), 4500 (Dynamic), 3500 (Eco), 4500 (Eco+)/ Throw ratio 1.22:1 ~ 1.46:1/ Projection distance (m)/ 1.23m - 5.63m/ Zoom 1.2 Zoom type Manual/ Focal length (mm)/ 16.87 ~ 21.87/ Native offset 115%/ Inputs 1 x HDMI 1.4a 3D support, 1 x HDMI 1.4a 3D support + MHL, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x USB-A reader/ Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm/ Control 1 x USB-A wireless, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service/ LAN – control Yes/ Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands/ Quality audio featuring 10W speaker</li> <li>• <u>Support Tavan- OPTOMA OCM815W</u></li> <li>• <u>Sistem audio AMP-32-20W 20W</u></li> <li>• <u>Sopar Electric Taurus Tensioned</u></li> </ul> <p>Ecran Electric Wiev.Area (274 X 154)/Motorised/Format 16:9/Black Border/rear black Diagonal Viewing (inch) 124"/ Black Border R &amp; L (mm)50/ Black Border Bottom (mm)50/ Black Border Top (mm) 350/ Aluminium Case with In-Site / Sopar Remote Radio Control (for Electrical Projector Screen)/</p>	<p>Moldova Standard ISO9001 ISO14001 Energy STAR Certified, TCO Certified; RoHS Compliant; EU Declaration of Conformity EnergyStar, EPEAT Gold Certified</p>



					<ul style="list-style-type: none"> <li>• <u>Wireless presentations Optoma HDCast Pro</u> Project wirelessly from laptop or mobile device Wirelessly present documents, images and videos Supports Full HD 1080p Compatible with Miracast™ and DLNA™/ Wireless - range 10m Wireless - antenna Built in Wireless - operating frequency 2.4GHz Wireless - technology IEEE 802.11 b/g/n 2T2R single band/ Inputs 1 x micro USB power/ Outputs 1 x HDMI/ 720p60, 1080p24/30</li> </ul> <p>Instalarea, setarea si punerea in functiune a echipamentului, inclusiv materialele, cablurile si conectorii necesari (audio video si electrici) precum si initierea a minim 2 persoane pentru lucrul cu panoul interactive</p> <ul style="list-style-type: none"> <li>• <b>GARANTIA: 24LUNI_Poriector &amp; HD Cast Pro / 12 LUNI_LAMPA &amp; Ecran + Support+ Incinte acustice</b></li> </ul>	
LOTUL_39 30200000-1	<b>39.6 Sistem de proiectie automatizat cu sonorizare si wireless video tip3</b>	<b>Optoma EH461</b>  <b>Optoma OCM815W</b>  <b>Sopar Nema 5252HTRN</b>  <b>HDCast Pro AMP-32-20W</b>  <a href="https://www.optomaeurope.com/product-details/eh461#specifications">https://www.optomaeurope.com/product-details/eh461#specifications</a>  <a href="http://static.optoma.co.uk/product-details/ocm815w">http://static.optoma.co.uk/product-details/ocm815w</a>  <a href="http://static.optoma.co.uk/product-details/hdcast-pro">http://static.optoma.co.uk/product-details/hdcast-pro</a>	<b>Optoma/ Sopar/ IQboard</b>  <b>China/Italia</b>	In conformitate cu specificatia tehnica solicitata in caietul de sarcini pentru achiziționarea bunurilor	<ul style="list-style-type: none"> <li>• <b>Sistem proiectie automatizat cu sonorizare si wireless video tip_1 include:</b></li> <li>• <b>VideoProiector Optoma EH461 + Support Optoma OCM815W+ Sopar TAURUS Electric Screens TENSIONATO + Sopar Remote Radio Control (for Electrical Projector Screen) + HD Cast Pro + incinte acustice AMP-32-20W</b></li> </ul> <hr/> <ul style="list-style-type: none"> <li>• <u>VideoProiector Optoma EH461</u> Display technology DLP/ Bright Full HD 1080p projector - 5000 ANSI Lumens Display technology DLP Resolution 1080p Full HD (1920x1080)/ Brightness 5,000 lumens/ Contrast ratio 20,000:1/ Native aspect ratio/ 16:9/ Aspect ratio – compatible 4:3/ Keystone correction – horizontal +/-25°/ Keystone correction – vertical +/-30°/ Horizontal scan rate 15.375 ~ 91.146Khz/ Vertical scan rate 24 ~ 85(120 for 3D)Hz/ Uniformity 75%/ Screen size 0.96m ~ 5.3m (37.98" ~ 208.5") diagonal/ 285 Lamp life hours (up to) 2500 (Bright), 4500 (Dynamic), 3500 (Eco), 4500 (Eco+)/ Throw ratio 1.22:1 ~ 1.46:1/ Projection distance (m)/ 1.23m - 5.63m/ Zoom 1.2 Zoom type Manual/ Focal length (mm)/ 16.87 ~ 21.87/ Native offset 115%/ Inputs 1 x HDMI 1.4a 3D support, 1 x HDMI 1.4a 3D support + MHL, 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm, 1 x USB-A reader/ Outputs 1 x VGA (YPbPr/RGB), 1 x Audio 3.5mm/ Control 1 x USB-A wireless, 1 x RS232, 1 x RJ45, 1 x 12V trigger, 1 x mini USB mouse/service/ LAN – control Yes/ Ultimate Control - Crestron, Extron, AMX, PJ-Link and Telnet LAN commands/ Quality audio featuring 10W speaker</li> <li>• <u>Suport Tavan- OPTOMA OCM815W</u></li> <li>• <u>Sistem audio AMP-32-20W 20W</u></li> <li>• <u>Sopar Electric Taurus Tensioned</u></li> </ul> <p>Ecran Electric Wiev.Area (203 X 114)/Motorised/Format 16:9/Black Border/rear black Diagonal Viewing (inch) 92"/ Black Border R &amp; L (mm)50/ Black Border Bottom (mm)50/ Black Border Top (mm) 350/ Aluminium Case with In-Site / Sopar Remote Radio Control (for Electrical Projector Screen)/</p> <ul style="list-style-type: none"> <li>• <u>Wireless presentations Optoma HDCast Pro</u></li> </ul>	Moldova Standard ISO9001 ISO14001 Energy STAR Certified, TCO Certified; RoHS Compliant; EU Declaration of Conformity EnergyStar, Epeat Gold Certified

				<p>Project wirelessly from laptop or mobile device Wirelessly present documents, images and videos Supports Full HD 1080p Compatible with Miracast™ and DLNA™/ Wireless - range 10m Wireless - antenna Built in Wireless - operating frequency 2.4GHz Wireless - technology IEEE 802.11 b/g/n 2T2R single band/ Inputs 1 x micro USB power/ Outputs 1 x HDMI/ 720p60, 1080p24/30</p> <p>Instalarea, setarea si punerea in functiune a echipamentului, inclusiv materialele, cablurile si conectorii necesari (audio video si electrici) precum si initierea a minim 2 persoane pentru lucrul cu panoul interactive</p> <ul style="list-style-type: none"> <li>• <b>GARANTIA: 24LUNI_Poriector &amp; HDCast Pro / 12 LUNI_LAMPA &amp; Ecran + Support+ Incinte acustice</b></li> </ul>
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Semnat: \_\_\_\_\_

Nume: Gheorghe STOIAN

În calitate de: Manager Vanzari,

Ofertantul: „AV-MACROCOM” SRL.

Adresa: mun. Chisinau, str. Gradina Botanica 15

Data: 11.10.2019

## SPECIFICAȚII DE PREȚ (F4.2)

ID : ocde-b3wdp1-MD-1568181333693; 30200000-1 - Echipament și accesorii pentru computer	Data: 06.09.2019	Alternativa nr. N/A
Denumirea Beneficiar: <b>IP Universitatea de Stat de Medicină și Farmacie "Nicolae Testemițanu"</b>	Valabilitatea ofertei: 60 zile	Pagina __ din __

Nr d/o	Cod CPV	Denumirea bunurilor și/sau a serviciilor	Unitatea de măsură	Cantitatea	Preț unitar (fără TVA)	Preț unitar (cu TVA)	Suma fără TVA	Suma cu TVA	Termenul de livrare/prestare
1	2	3	4	5	6	7	8	9	
Lot35	30200000-1	Desktop All-In-One ACER VERITON Z4860G	<b>Buc</b>	<b>135</b>	<b>13145,00</b>	15774,00	<b>1774575,00</b>	<b>2129490,00</b>	<b>45 zile dupa inregistrarea contractului.</b>
Lot39	30200000-1	Sistem de proiectie portabil	<b>Buc</b>	<b>7</b>	<b>21655,00</b>	25986,00	<b>151585,00</b>	<b>181902,00</b>	
	30200000-1	Panou Interactiv	<b>Buc</b>	<b>1</b>	<b>53865,00</b>	64638,00	<b>53865,00</b>	<b>64638,00</b>	
	30200000-1	Sistem Tablă interactivă tip 1	<b>Buc</b>	<b>5</b>	<b>53250,00</b>	63900,00	<b>266250,00</b>	<b>319500,00</b>	
	30200000-1	Sistem Tablă interactiva tip 2	<b>Buc</b>	<b>3</b>	<b>51100,00</b>	61320,00	<b>153300,00</b>	<b>183960,00</b>	
	30200000-1	Sistem de proiectie automatizat, cu sonorizare si wireless video tip1	<b>Buc</b>	<b>6</b>	<b>45500,00</b>	54600,00	<b>273000,00</b>	<b>327600,00</b>	
	30200000-1	Sistem de proiectie automatizat, cu sonorizare si wireless video tip2	<b>Buc</b>	<b>4</b>	<b>47500,00</b>	57000,00	<b>190000,00</b>	<b>228000,00</b>	
	30200000-1	Sistem de proiectie automatizat, cu sonorizare si wireless video tip3	<b>Buc</b>	<b>2</b>	<b>45500,00</b>	54600,00	<b>91000,00</b>	<b>109200,00</b>	
<b>SUMA TOTALA PE OFERTA (fara TVA/cu TVA)</b>							<b>2 953 575,00</b>	<b>3 544290,00</b>	

- **Pretul include livrarea, instalarea si punerea in functiune la adresa institutiei din contul companiei AV-MACROCOM SRL.**
- **Condiții GARANTIE sunt in conformitate cu solicitările Beneficiarului din documentele de atribuire si conform termenilor stipulați in (F 4.1)**

Semnăt:



Nume: Gheorghe STOIAN

În calitate de: Manager Vanzari,

Ofertantul: „AV-MACROCOM” SRL.

Adresa: mun. Chisinau, str. Gradina Botanica 15

Data: 11.10.2019