

وزارة التعليم العالي والبحث العلمي

مديرية الخدمات المساندة

قسم اللوازم والعطاءات

جدول رقم (1)

صفحة (1) من (1)

جدول مواد دعوة العطاء رقم (2023 /13)

رقم لمادة	اسم المادة	الوحدة	الكمية	السعر الافراضي فلس دينار	السعر الافراضي كتابة فلس دينار	السعر الاجمالي فلس دينار	الموديل	بلد المنشأ	مدة التسليم
1	Canon EOS 90D DSIR Camera with 18-135mm and 55-250mm Lenses Kit or Equevelant	جهاز	2						
2	Synology 128TB DiskStation DS1821+ 8-Bay NAS Enclosure Kit with Toshiba N300 NAS Drives (8 x 16TB) or Equevalant	جهاز	1						
3	Zhiyun WEEBILL-3 S Handheld Gimbal Stabilizer Combo with Extendable Grip Set and Backpack or Equevelant	جهاز	2						
4	Blackmagic Design HyperDeck Studio HD Plus or Equevalant	جهاز	1						
5	Yamaha MG16XU - 16-Input Mixer with Built-In FX and 2-In/2-Out USB Interface Or Equivalent	جهاز	1						
6	Sennheiser ew IEM G4 Wireless Monitor System (G: 566 to 608 MHz) Or Equevalant	جهاز	1						
7	Interactive flat panel display 98 Inches with OPSModule	جهاز	1						



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								1	جهاز	Ricoh THETA SC2 4K 360 Spherical Camera with TL-1 Lens Cap Kit (black or White) or Equivalent	8
								1	جهاز	Sony PXW-Z150 4K XDCAM Camcorder or Equevelant	9
								5	جهاز	E-Films MxR Extreme Expresscard Adapter or Equevelant	10
								3	جهاز	Magnus REX Dolly for Tripods with Dual-Angle Spiked Feet	11
								5	عدد	Memory Card	12
								3	جهاز	Creative Cloud All Apps Year Anuall Paid	13

حسب المواصفات والشروط الواردة في هذه الدعوة

قيمة الإجمالية للعرض :

* يعزز أي تصويب بتوقيع المناقص

* يجب ذكر المجموع الكلي للعرض

* تعتمد الأسعار في هذا النموذج

نادات :- * لا يستعمل حبر الطمس

اسم المناقص :

الخاتم والتوقيع :



مواصفات المادة رقم 1

Canon EOS 90D DSLR Camera with 18-135mm and 55-250mm Lenses Kit or Equevelant		complay
Lens Mount	Canon EF-S	
Sensor Resolution	Actual: 34.4 Megapixel	
	Effective: 32.5 Megapixel (6960 x 4640)	
Image Sensor	22.3 x 14.8 mm (APS-C) CMOS	
Image Stabilization	Digital (Video Only)	
ISO Sensitivity	Photo/Video	
	100 to 25,600 in Auto Mode (Extended: 100 to 51,200)	
Continuous Shooting	Frames (JPEG)	
	Up to 11 fps at 32.5 MP	
	Up to 7 fps at 32.5 MP	
Internal Recording Modes	H.264/MP4	
	UHD 4K (3840 x 2160) at 23.98/25/29.97 fps	
	1920 x 1080p at 23.98/25/29.97/50/59.94/100 fps	
	1280 x 720 at 50/59.94 fps	
External Recording Modes	4:2:2 8-Bit via HDMI	
	UHD 4K (3840 x 2160) up to 25/29.97 fps	
Media/Memory Card Slot	Single Slot: SD/SDHC/SDXC (UHS-II)	
Wireless	Wi-Fi 4 (802.11n), Bluetooth 4.1	
Mobile App Compatible	Yes: Android & iOS	
	App Name: Canon Camera Connect	
	Firmware Update, Remote Control, View Live Feed	
	the most up-to-date compatibility	
Built-In Flash/Light	Yes, Flash Only	
Battery Type	mAh (Approx. 1300 Shots)	
Lens Mount	Canon EF-S	
Sensor Resolution	Actual: 34.4 Megapixel	
	Effective: 32.5 Megapixel (6960 x 4640)	
Image Sensor	22.3 x 14.8 mm (APS-C) CMOS	
Crop Factor	1.6x	
Image Stabilization	Digital (Video Only)	
Mirror Lock-Up	Yes	
Capture Type	Stills & Video	



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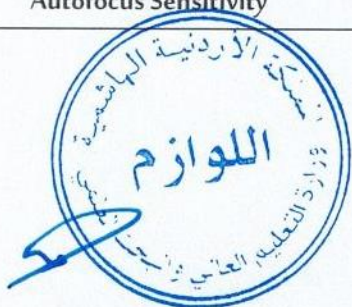
Exposure Control		
Shutter Type	Electronic Shutter, Mechanical Focal Plane Shutter	
Shutter Speed	Mechanical Shutter	
	1/8000 to 30 Seconds	
	Electronic Shutter	
	1/16000 to 30 Seconds	
Bulb/Time Mode	Bulb Mode	
ISO Sensitivity	Photo/Video	
	100 to 25,600 in Auto Mode (Extended: 100 to 51,200)	
Metering Method	Center-Weighted Average, Evaluative, Partial, Spot	
Exposure Modes	Aperture Priority, Manual, Program, Shutter Priority	
Exposure Compensation	-5 to +5 EV (1/3, 1/2 EV Steps)	
Metering Range	1 to 20 EV	
White Balance	Presets: Auto, Cloudy, Color Temperature, Custom, Daylight, Flash, Fluorescent (White), Shade, Tungsten	
Continuous Shooting	Up to 10 fps at 32.5 MP for up to 25 Frames (Raw) / 58 Frames (JPEG)	
	Up to 11 fps at 32.5 MP	
	Up to 7 fps at 32.5 MP	
Interval Recording	Yes	
Self-Timer	2/10-Second Delay	
Still Image Capture		
	16:9 Raw	
	6960 x 3904	
	4:3 Raw	
	6160 x 4640	
	3:2 Raw	
	6960 x 4640	
	1:1 Raw	
	4640 x 4640	
	16:9 JPEG	
	6960 x 3904	
	4800 x 2688	
	3472 x 2952	



Image Sizes	2400 x 1344	
	4:3 JPEG	
	6160 x 4640	
	4256 x 3200	
	3072 x 2320	
	2112 x 1600	
	3:2 JPEG	
	6960 x 4640	
	4800 x 3200	
	3472 x 2320	
	2400 x 1600	
	1:1 JPEG	
	4640 x 4640	
	3200 x 3200	
	2300 x 2300	
1600 x 1600		
Aspect Ratio	1:1, 3:2, 4:3, 16:9	
Image File Format	JPEG, Raw	
Bit Depth	14-Bit	
Video Capture		
Internal Recording Modes	H.264/MP4	
	UHD 4K (3840 x 2160) at 23.98/25/29.97 fps	
	1920 x 1080p at 23.98/25/29.97/50/59.94/100 fps	
	1280 x 720 at 50/59.94 fps	
External Recording Modes	4:2:2 8-Bit via HDMI	
	UHD 4K (3840 x 2160) up to 25/29.97 fps	
Fast-/Slow-Motion Support	No	
Recording Limit	Up to 30 Minutes	
Broadcast Output	NTSC	
IP Streaming	None	
Built-In Microphone Type	Stereo	
Audio Recording	AAC Audio	



Interface		
Media/Memory Card Slot	Single Slot: SD/SDHC/SDXC (UHS-II)	
Video I/O	1 x Mini-HDMI (Unspecified Signal) Output	
Audio I/O	1 x 1/8" / 3.5 mm TRS Stereo Headphone Output	
	1 x 1/8" / 3.5 mm TRS Stereo Microphone Input	
Power I/O	None	
Other I/O	1 x Micro-USB (USB 2.0) Data Output	
	1 x Canon E3 (2.5 mm Sub-Mini) Input	
Wireless	Wi-Fi 4 (802.11n), Bluetooth 4.1	
Mobile App Compatible	Yes: Android & iOS	
	App Name: Canon Camera Connect	
	Functionality: Access Stored Files, Adjust Settings, Firmware Update, Remote Control, View Live Feed	
Global Positioning (GPS, GLONASS, etc.)	GPS	
	*Via Connected Smartphone	
Monitor		
Display Size	3.0"	
Resolution	1,040,000 Dot	
Display Type	Articulating Touchscreen LCD	
Secondary Display	Top: Status Display	
Viewfinder		
Type	Optical (Pentaprism)	
Eye Point	22 mm	
Coverage	100%	
Magnification	Approx. 0.95x	
Diopter Adjustment	-3 to +1	
Focus		
Focus Type	Auto and Manual Focus	
Focus Mode	Continuous-Servo AF, Manual Focus, Single-Servo AF	
Autofocus Points	Phase Detection: 45 (45 Cross-Type)	
	Phase Detection: 5481	
Autofocus Sensitivity	-3 to +18 EV	



Flash		
Built-In Flash/Light	Yes, Flash Only	
Flash Modes	Auto, Manual	
Guide Number	39.37' / 12 m at ISO 100	
Maximum Sync Speed	1/250 Second	
Flash Compensation	-3 to +3 EV (1/3, 1/2 EV Steps)	
Dedicated Flash System	eTTL	
External Flash Connection	Shoe Mount	
General		
Battery Type	1 x LP-E6N Rechargeable Lithium-Ion, 7.2 VDC, 1865 mAh (Approx. 1300 Shots)	
Shoe Mount	1 x Hot Shoe	
Tripod Mounting Thread	1 x 1/4"-20 Female (Bottom)	
Material of Construction	Magnesium Alloy, Polycarbonate	
Dimensions (W x H x D)	5.54 x 4.13 x 3.02" / 140.7 x 104.8 x 76.8 mm	
Weight	1.54 lb / 701 g (Body Only)	
Canon EF-S 18-135mm F/3.5-5.6 IS USM Lens Specs		complay
Focal Length	18 to 135mm (35mm Equivalent: 28.8 to 216mm)	
Maximum Aperture	f/3.5 to 5.6	
Lens Mount	Canon EF-S	
Lens Format Coverage	APS-C	
Focus Type	Autofocus	
Image Stabilization	Yes	
Filter Size	67 mm (Front)	
Maximum Aperture	f/3.5 to 5.6	
Minimum Aperture	f/22 to 38	
Lens Mount	Canon EF-S	
Lens Format Coverage	APS-C	
Angle of View	74° 20' to 11° 30'	
Minimum Focus Distance	1.28' / 39 cm	
Maximum Magnification	0.28x	
Optical Design	16 Elements in 12 Groups	
Diaphragm Blades	7, Rounded	
Focus Type	Autofocus	

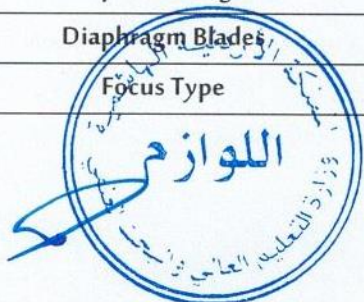


Image Stabilization	Yes	
Filter Size	67 mm (Front)	
Dimensions (ø x L)	3.05 x 3.78" / 77.4 x 96 mm	
Length at Maximum Extension	5.67" / 144 mm	
Weight	1.13 lb / 515 g	
Canon EF-S 55-250mm F/4-5.6 IS STM Lens Specs		complay
Focal Length	55 to 250mm (35mm Equivalent: 88 to 400mm)	
Maximum Aperture	f/4 to 5.6	
Minimum Aperture	f/22 to 32	
Lens Mount	Canon EF-S	
Lens Format Coverage	APS-C	
Angle of View	27° 50' to 6° 15'	
Minimum Focus Distance	2.79' / 85 cm	
Maximum Magnification	0.29x	
Optical Design	15 Elements in 12 Groups	
Diaphragm Blades	7, Rounded	
Focus Type	Autofocus	
Image Stabilization	Yes	
Filter Size	58 mm (Front)	
Dimensions (ø x L)	2.76 x 4.38" / 70 x 111.2 mm	
Length at Maximum Extension	2.6" / 66 mm	



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مواصفات المادة رقم 2

Synology 128TB DiskStation DS1821+ 8-Bay NAS Enclosure Kit with Toshiba N300 NAS Drives (8 x 16TB) or Equvelant		Complay
Computing		
Total Installed Memory	4 GB ECC DDR4	
User-Replaceable Memory	1 x 4 GB	
Total Memory Slots	2 x SO-DIMM	
Maximum Memory Capacity	32 GB	
General		
Number of Bays	8 x 2.5"/3.5"	
	2 x M.2 (2280)	
Inputs/Outputs	4 x RJ45 Gigabit Ethernet	
	4 x USB-A 3.0 / 3.1/3.2 Gen 1	
	2 x eSATA	
Compatible Drive Interface	SATA (Unspecified Version)	
Maximum Capacity	Drives Installed 108 TB	
Form Factor	Desktop	
RAID	RAID 0, 1, 10, 5, 6, JBOD, Synology Hybrid	
Hot-Swap Support	Yes	
PCI Expansion	1 x PCIe 3.0 (x8 Electrical)	
Wake on LAN	Yes	
Link Aggregation and Failover Support	Yes	
Networking		
Supported Protocols	CalDAV	
	FTP	
	HTTP	
	HTTPS	
	NFS	
	SMB	
	SMB 2.1	
	SNMP	
iSCSI LUN	255	
iSCSI Target	128	



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Max Concurrent Connections	550	
Max Folders	512	
Max Sync Tasks	80	
Max Groups	256	
Max User Accounts	2048	
Max Volume Number	64	
Max Cameras Supported	40	
Software		
Installed Operating System	Synology	
Supported File Systems	Internal: BTRFS, EXT4	
	External: BTRFS, EXT3, EXT4, FAT, HFS+, NTFS, exFAT	
OS Compatibility	Windows 7 or Later	
	macOS 10.12 or Later	
Mobile App Compatible	Yes	
Installation and Training		



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مواصفات المادة رقم 3

Zhiyun WEEBILL-3 S Handheld Gimbal Stabilizer Combo with Extendable Grip Set and Backpack or Equevelant		complay
Key Features	Optimized 2.5 Sling Structure	
	Extendable Sling Grip, Wrist Rest	
	Integrated 1000 Lux Fill Light	
	Up to 11.5-Hour Runtime	
	0.96" Touchscreen, Bluetooth Shutter	
	Quick Release, Landscape/Portrait Switch	
	Tripod Extension, Backpack	
	Control Wheel, Trigger Button	
	Various Control Cables for DSLR Cameras	
	2.4 GHz Wi-Fi for App Control	
compatibility	Canon : 5DS 5DS R 5D Mark IV 5D Mark III 6D Mark II 6D 90D 80D EOS R EOS RP EOS R5 EOS R6 EOS M50 EOS M6 Mark II EOS R7 EOS R10	
	Sony : α1 α9 α9 II α7M2 α7R2 α7S2 α7M3 α7R3 α7S3 α7R4 α7M4 α7C α6600 α6500 α6400 α6300 α6100 ILME-FX3	



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مواصفات المادة رقم 4

Blackmagic Design HyperDeck Studio HD Plus or Equvalant		Complay
Key Features	Records up to 4K DCI at 30 fps	
	Plays Back up to 3840 x 2160 at 30 fps	
	1 x 6G-SDI Input, 1 x HDMI 2.0 Input	
	1 x HDMI 2.0 and 2 x 6G-SDI Outputs	
	Records ProRes, DNxHD, and H.264	
	Records in H.264 SDI 4:2:2 10-Bit	
	Front-Panel Buttons, Jog Wheel, LCD	
	Timecode and Reference Input/Output	
	1/2 Rack-Mountable Form Factor	
	USB-C, 1G Ethernet, RS-422	
Connectivity		
Video Inputs	1 x BNC, 6G-SDI	
	1 x HDMI 2.0 Type A	
Video Output	1 x BNC, 6G-SDI Loop-Out	
	2 x BNC, 6G-SDI	
	1 x HDMI Type A, 2.0	
	1 x USB Type-C (Webcam or External Recording of SD, HD, 2K DCI)	
	1 x BNC, 3G-SDI (Monitor Out)	
Timecode	In: 1 x BNC	
	Out: 1 x BNC	
Reference	Tri-Sync or Black Burst	
	Input Connector: 1 x BNC	
	Output Connector: 1 x BNC	
Audio Input	None (Embedded Audio Only, 16 Channels)	
Audio Output	Headphone: 1 x 1/4" Phone	
Device Control	2 x RS-422 Deck Control Port on DB9 Female	
Ethernet	1 x RJ45 for Remote Operation	
	Media Type: UHS I and UHS II	
	Format: ExFAT or HFS+	
Standards		



Supported Resolutions	4K	
	4096 x 2160p: 30/29.97/25/24/23.98	
	3840 x 2160p: 30/29.97/25/24/23.98	
	2K	
	2048 x 1080p: 0/29.97/25/24/23.98	
	HD	
	1920 x 1080p: 60/59.94/50/30/29.97/25/24/23.98	
	1920 x 1080i: 60/59.94/50	
	1280 x 720p: 60/59.94/50	
	SD	
	NTSC	
	PAL	
SDI Compliance	SMPTE 259M//292M/296M/372M/424M/425M Level A and B	
	SMPTE 2084	
	SMPTE 2108-1	
SDI Metadata Support	HD RP188 and Closed Captioning CEA-708	
	HDR Metadata Supported on SDI	
Video Sampling	4:2:2 YUV	
Color Depth	10-Bit	
Color Space	Rec. 601	
	Rec. 709	
	Rec. 2020	
	33-Point 3D LUTS Can Be Applied to SDI Monitor Out	

Installation and Training



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مواصفات المادة رقم 5

Yamaha MG16XU - 16-Input Mixer with Built-In FX and 2-In/2-Out USB Interface Or Equivalent		complay
Key Features	10x Mic Inputs	
	16x Line Inputs	
	2-In/2-Out USB Up to 24-bit / 192kHz	
	Built-In FX with 24 Presets	
	XLR and TRS 1/4" Stereo Outs	
	Four Group Buses & Four Aux Sends	
	"D-PRE" Mic Preamps with 48V Phantom	
	HPF & 3-Band EQ on Channels 1-8	
	1/4" Headphone Output with Level Control	
	PAD & 1-Knob Compressor on Channels 1-8	
Built-in Effects	SPX algorithm: 24 programs, PARAMETER control:1, FOOT SW:1 (FX RTN CH on/off)	
Phantom Power	+48 V switchable, channels 1 - 12	
Digital I/O	USB: USB Audio Class 2.0 compliant	
	Sampling Frequency: max 192 kHz	
	Bit Depth: 24-bit	
Input Channels	8x mono [mic/line]	
	2x mono/stereo [mic/line]	
	2x stereo [line]	
Output Channels	2x stereo out	
	1x monitor out	
	1x headphone out	
	4x aux out	
	4x group out	
Bus	Stereo: 1	
	AUX: 4	
	GROUP: 4	
Pad	26 dB (mono)	
	Threshold: +22 dBu to -8 dBu	
	Ratio: 1:1 to 4:1	



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Compressor	Output level: 0 dB to 7 dB	
	Attack time: approx. 25 msec	
	Release time: approx. 300 msec	
Equalizer	EQ high gain: +15 dB/-15 dB, frequency: 10 kHz shelving	
	EQ mid gain: +15 dB/-15 dB, frequency: mono 250 Hz - 5 kHz peaking, stereo 2.5 kHz peaking	
	EQ low gain: +15 dB/-15 dB, frequency: 100 Hz shelving	
LED	Peak LED turns on when post EQ signal reaches 3 dB below clipping	
Total Harmonic Distortion	0.03% @ +14 dBu (20 Hz to 20 kHz), GAIN knob: Min, 0.005% @ +24 dBu (1 kHz), GAIN knob: Min	
Frequency Response	+0.5 dB/-1.5 dB (20 Hz to 48 kHz), refer to the nominal output level @ 1 kHz, GAIN knob: Min	
Equivalent Input Noise	-128 dBu (mono input channel, Rs: 150 Ω , GAIN knob: max)	
Residual Output Noise	-102 dBu (STEREO OUT, STEREO master fader: min)	
Crosstalk	-78 dB	
Power Requirement	AC 100 - 240 V, 50 / 60 Hz	
Power Consumption	30 W	
Dimensions	17.5 x 5.1 x 19.7" (444 x 130 x 500 mm)	
Net Weight	15.0 lb (6.8 kg)	
Installation and Training		



مواصفات المادة رقم 6

Sennheiser ew IEM G4 Wireless Monitor System (G: 566 to 608 MHz) Or Equelant		COMPLAY
Key Features	Pair of IE 4 Earphones	
	EK IEM G4 Stereo Receiver	
	SR IEM G4 Stereo Transmitter	
	1680 Selectable Frequencies in UHF Range	
	Up to 16 Compatible Channels	
	300' Transmission Range	
	Includes GA3 Rackmount Kit	
	Rod Antenna	
	2 x AA Batteries	
Receiver		
Frequency Band	G: 558 to 608 MHz	
Receiving Frequency	Maximum 1680 receiving frequencies, adjustable in 25 MHz steps	
	20 frequency banks, each with up to 16 factory-preset channels, no intermodulation	
	6 frequency banks with up to 16 programmable channels	
Switching Bandwidth	Up to 42 MHz	
Nominal/Peak Deviation	±24 kHz / ±48 kHz	
Receiver Type	Adaptive diversity	
Sensitivity	< 4 μV, typ. 1.6 μV for 52 dBA (with HDX, peak deviation) rms s/n	
Adjacent Channel Selectivity	Typically ≥ 65 dB	
Intermodulation Attenuation	Typically ≥ 70 dB	
Blocking	≥ 80 dB	
Pilot Tone	Squelch: Can be switched off	
Squelch	5 to 25 dBμV, adjustable in steps of 2 dB	
Compander	Sennheiser HDX	



Signal to Noise Ratio	Approximately 90 dBA (1 mV, peak deviation)	
Total Harmonic Distortion (THD)	≤ 0.9%	
Audio Output Power	2 x 100 mW at 32 Ohms (@ 2.4 V, 5% THD, nominal deviation)	
Limiter	-18 dB to -6 dB, adjustable in steps of 6 dB, can be switched off	
Temperature Range	14 to 131°F / -10 to 55°C	
Power Supply	2 x AA batteries, 1.5 V or BA 2015 accupack	
Current Consumption	At Nominal Voltage: Approximately 140 mA	
	With Transmitter Switched Off: ≤ 25 μA	
Operating Time	Approximately 4 to 6 hours (depending on volume level)	
Transmitter		Complay
Modulation	Wideband FM stereo (MPX pilot tone)	
Frequency Band	G: 566 to 608 MHz	
Receiving Frequency	Maximum 1680 receiving frequencies, adjustable in 25 kHz steps	
	20 frequency banks, each with up to 16 factory-preset channels, no intermodulation	
	6 frequency banks with up to 16 programmable channels	
Switching Bandwidth	up to 42 MHz	
Nominal/Peak Deviation	±24 kHz / ±48 kHz	
MPX Pilot Tone	19 kHz / ±5 kHz (frequency/deviation)	
Frequency Stability	±10 ppm	
Antenna Output	BNC socket, 50 Ohms	
RF Output Power	@ 50 Ohms Switchable:	
	Low: Typical 10 mW	
	Standard: Typical 30 mW	
	High: Typical 50 mW	
Compander	Sennheiser HDX	
AF Frequency Response	25 Hz to 15 kHz	
AF Input	Electronically Balanced	
	2 x XLR-1/4" / 6.3 mm balanced combo jack	
	Balanced AF in L + Mono	
	Balanced AF in R	
Maximum Input Level	+22 dBu	



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Total Harmonic Distortion (THD)	≤0.9 %	
Signal to Noise Ratio	Approximately >90 dB (nominal load and peak deviation)	
AF Output	1/4" / 6.3 mm stereo jack socket balanced	
	Loop out balanced L, loop out balanced R	
Temperature Range	14 to 131°F / -10 to 55°C	
Power Supply	12 VDC	
Current Consumption	Maximum 350 mA	
Dimensions	8.0 x 8.3 x 1.7" / 202 x 212 x 43 mm	
Installation and Training		



مواصفات المادة رقم 7

Interactive flat panel display 98 Inches with OPS Module		Complay
Display	Size \geq 98 inch	
	Resolution \geq 3840(H) x 2160(V)	
	Response Time \geq 8ms	
	Refreshing Frequency \geq 60Hz	
	Brightness \geq 450cd/m ²	
	Contrast Ratio \geq 1200:1	
	Viewing Angle \geq 178° (H/V)	
	Lifetime \geq 100,000 hour	
Touch System	System Windows 10/11, Linux, Mac, Chrome, Android	
	Sensing Type Infrared recognition \geq 20 points	
	Response Time \geq 5 ms	
	Accuracy \geq 1mm	
Display connectors	HDMI-In \geq 2	
	VGA / AV \geq 1	
	PC-Audio In: 1	
	Earphone / AV Output: 1/1	
	USB 2.0 / USB 3.0 / USB-C \geq 3	
	USB Touch \geq 1	
	SPDIF \geq 1	
	Lan Port (RJ44) \geq 1	
Wireless	Wi-Fi	
	Bluetooth 5.0	



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System	System ≥ Version Android 8.0	
	CPU: Dual Core	
	GPU: Quad Core	
	RAM ≥ 4GB	
	ROM ≥ 32GB	
	RAM ≥ 8 GB	
	SDD ≥ 256 GB	
	Graphic ≥ Intel®HD 10/100/1000M	
	Wi-Fi	
	Operating system: Windows 10 / Windows 11 4.2	
	USB ≥ 2	
	LAN (RJ45) ≥ 1	
	HDMI ≥ 1	
	Output Line Out ≥ 1	
	Mic In ≥ 1	
Installation and Training		



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مواصفات المادة رقم 8

Lens Cap Kit or Equivalent		Complay
Key Features	Ultracompact 4K 360 Camera, White Color	
	TL-1 Combo Lens Cap/Camera Table Stand	
	360 4K30 Video & 5376 x 2688 360 Photos	
	Internal Stitching, 4K Shake Correction	
	High-Speed Wi-Fi Transfer + Bluetooth	
	14GB of Internal Memory	
Ricoh TA-1 3D Microphone for THETA V 360 Camera		
Key Features	Adds 360° 3D Spatial Audio Capture	
	Wide Frequency Range	
	Windscreen Included	
	Made in Cooperation with Audio-Technica	



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مواصفات المادة رقم 9

Sony PXW-Z150 4K XDCAM Camcorder or Equevelant		Complay	
Imaging	Sensor Resolution	Actual: 20 Megapixel Effective: 14.2 Megapixel	
	Sensor Type	1"-Type CMOS Sensor	
	Image Stabilization	Optical in Integrated Lens	
	Built-In ND Filter	Mechanical Filter Wheel with 2 Stop (1/4), 4 Stop (1/16), 6 Stop (1/64) ND Filters	
	Capture Type	Video Only	
	Exposure Control	Shutter Speed	1/10000 to 1/6 Second
Gain		-3 to 33 dB	
Minimum Illumination		1.7 Lux	
White Balance		2300 to 15,000K	
	Focal Length	9.3 to 111.6mm (35mm Equivalent Focal Length: 29 to 348mm)	
	Optical Zoom Ratio	12x	
	Max Digital Zoom	48x	
	Maximum Aperture	f/2.8 to 4.5	
	Minimum Focus Distance	Not Specified by Manufacturer	
	Filter Size	62 mm	
	Control Rings	Focus	
		Zoom	
		Iris	
	Focus Control	Autofocus	
		Manual Focus	
		XAVC-L 4:2:0 8-Bit	
		3840 x 2160 at 23.98/25/29.97 fps [60 to 100 Mb/s]	



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Lens	Internal Recording Modes	1920 x 1080i at 50/59.94 fps [25 to 50 Mb/s]		
		1920 x 1080p at 23.98/25/29.97/50/59.94 fps [35 to 50 Mb/s]		
		1280 x 720 at 50/59.94 fps [50 Mb/s]		
		MPEG-2 4:2:2		
		1280 x 720 at 23.98/25/29.97/50/59.94 fps [50 Mb/s]		
		AVCHD		
		1920 x 1080p at 23.98/25/29.97/50/59.94 fps [24 to 28 Mb/s]		
		Variable Frame Rates	1080i: to 119.88 fps	
			1080i: to 100 fps	
			1080i: 1 to 60 fps	
	1080i: 1 to 50 fps			
	Recording Limit	Up to 750 Minutes		
	Built-In Microphone Type	Stereo		
	Audio Recording	2-Channel 24-Bit 48 kHz		
IP Streaming	<i>None</i>			
Interface	Video I/O	1 x RCA (Composite) Output		
		1 x HDMI Output		
		1 x BNC (3G-SDI) Output		
	Audio I/O	1 x Stereo 2RCA Output		
		1 x 1/8" / 3.5 mm TRS Stereo Headphone Output		
		2 x XLR 3-Pin Mic/Line (+48 V Phantom Power) Input		
	Power I/O	1 x Barrel Input		



	Other I/O	1 x 2.5 mm Sub-Mini (LANC) Control	
		1 x Micro-USB	
	Wireless	2.4 GHz Wi-Fi 4 (802.11n)	
Monitor	Display Size	3.5"	
	Resolution	1,560,000 Dot	
	Display Type	Articulating LCD	
Viewfinder	Type	Built-In Electronic (OLED)	
	Size	0.39"	
	Resolution	1,440,000 Dot	
Focus	Focus Type	Auto and Manual Focus	
	Focus Mode	Automatic, Manual Focus	



مواصفات المادة رقم 10

E-Films MxR Extreme Expresscard Adapter or Equevelant		Complay
USB	USB 2.0 high-speed interface Fully complies with SD specification 2.0 (backward compatible to SD1.1/1.01/1.0), SDHC card can be supported from 8-32GB	
	Fully complies with SD specification 3.0	
Capacity	Extends capacity of SD memory card (SDXC): more than 32GB up to 2TB	
Supports	Supports SDXC/UHS-1 including SDR12, SDR25, SDR50, SDR104 speeds	
Operating Voltage	+5.0 to +3.0V (+/-5% wide range power supply)	
Environment	Operating temperature: 32 to 158°F / 0 to 70°C	
	Operating humidity: 20 to 85%	
System Requirements	Windows XP, Visa, 7, Mac 10.X	



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مواصفات المادة رقم 11		
Magnus REX Dolly for Tripods with Dual-Angle Spiked Feet or Equvelant		Complay
Tripod Foot Compatibility	Spiked Feet	
Working Footprint	37" / 94 cm	
Adjustable Footprint	No	
Load Capacity	132 lb / 59.9 kg	
Closed Length	20" / 50.8 cm	
Height	6.5" / 16.5 cm	
Locking Wheels	Yes	
Wheel Diameter	4" / 10.2 cm	
Material	Aluminum	
Weight	7.5 lb / 3.4 kg	
Compatability	Manfrotto 526-1 Fluid Head with 645 FAST Twin Aluminum Tripod System with 2-in-1 Spreader	
Installation		



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مواصفات المادة رقم 12		
Angelbird 256GB AV Pro MK2 UHS-II SDXC Memory Card Or Equevelant		Complay
Card Type	SDXC	
Storage Capacity	256 GB	
Bus Type	UHS-II	
Speed Class	10	
UHS Speed Class	U3	
Video Speed Class	V90	
Read Speed	Maximum: 300 MB/s	
	Sustained: 280 MB/s	
Write Speed	Maximum: 280 MB/s	
	Sustained: 260 MB/s	
	Minimum: 90 MB/s	
Operating Temperature	-13 to 185°F / -25 to 85°C	
Storage Temperature	-40 to 185°F / -40 to 85°C	
Built-in Write-Protect Switch	Yes	
Certifications	CE, RoHS, FCC, UKCA, RCM	



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مواصفات المادة رقم 13

Creative Cloud All Apps

	Includes	Extras
1	Photoshop	100GB of cloud storage Step-by-step tutorials Adobe Portfolio Adobe Fonts Behance Creative Cloud Libraries Access to the latest features 1000 monthly generative credits Recommended for Photo Graphic design Video Illustration UI and UX Acrobat and PDF Social media
2	Illustrator	
3	Adobe Premiere Pro	
4	Acrobat Pro	
5	InDesign	
6	After Effects	
7	Lightroom	
8	Adobe XD	
9	Animate	
10	Lightroom Classic	
11	Dreamweaver	
12	Dimension	
13	Audition	
14	InCopy	
15	Character Animator	
16	Capture	
17	Adobe Fresco	
18	Bridge	
19	Adobe Express	
20	Photoshop Express	
21	Media Encoder	
22	Aero	
23	Adobe Scan	
24	Fill & Sign	
25	Acrobat Reader	
26	Adobe Firefly	



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الشروط الخاصة:

- 1- إرفاق بالعرض المقدم صورة عن رخصة المهن سارية المفعول وشهادة التسجيل والسجل التجاري ساري المفعول.
- 2- الأسعار بالدينار الاردني شاملة كافة الضرائب والرسوم والعوائد الحكومية وأي رسوم إضافية اخرى.
- 3- إرفاق الكتالوجات الخاصة بالأجهزة ومواصفاتها الفنية مع العرض المقدم.
- 4- الإحالة على أساس المادة.
- 5- إرفاق بالعرض تأمين دخول عطاء بقيمة لا تقل عن (3%) من إجمالي قيمة العرض المقدم، على شكل شيك مصدق او كفالة بنكية من أحد البنوك المحلية يبقى ساري المفعول طيلة مدة صلاحية العرض.
- 6- المتعهد المحال عليه الشراء ملزم بتقديم تأمين حسن تنفيذ بقيمة لا تقل عن (10%) عشرة بالمائة من القيمة الإجمالية للإحالة عليه، على شكل شيك مصدق او كفالة بنكية (تكون غير مشروطة وغير قابلة للنقض وتمدد تلقائياً ولا تلغى إلا بكتاب رسمي من وزارة التعليم العالي والبحث العلمي) وتوقيع أمر الشراء ودفع رسوم طوابع الواردات خلال المدة التي تحدد له بكتاب إشعاره بالإحالة النهائية.
- 7- مدة التوريد (30) يوم من تاريخ توقيع أمر الشراء.
- 8- التوريد في مركز الوزارة الكائن في منطقة الجبيهة.
- 9- يلتزم المتعهد الذي يحال عليه الشراء بتقديم ضمانه سوء المصنعية مصدقة من كاتب العدل بكامل قيمة اللوازم المضمونة مضافاً إليها (15%) خمسة عشر بالمائة من قيمتها.
- 10- المتعهد المحال عليه الشراء ملزم بتقديم تأمين صيانة بقيمة لا تقل عن (5%) خمسة بالمائة من القيمة الإجمالية للإحالة عليه، يبقى ساري المفعول لمدة لا تقل عن ثلاث سنوات من تاريخ الاستلام النهائي للأجهزة الموردة.
- 11- يضمن المتعهد بان اللوازم الموردة من قبله جديدة (100%) وخالية من اية عيوب في الصنع.
- 12- تفرض غرامة التأخير وفقاً لأحكام المادة (78/أ) من تعليمات تنظيم إجراءات المشتريات الحكومية لسنة 2022 وكما يلي:
 - أ – ما نسبته (0.001) واحد بالألف من قيمة اللوازم عن كل يوم تأخير في التسليم عن الموعد المحدد للتسليم عن الفترة من (1) يوم – (45) يوماً.
 - ب – ما نسبته (0.002) اثنان بالألف من قيمة اللوازم عن كل يوم تأخير في التسليم عن الموعد المحدد للتسليم عن الفترة من (46) يوم – (60) يوماً
 - ج – ما نسبته (0.003) ثلاثة بالألف من قيمة اللوازم عن كل يوم تأخير في التسليم عن الموعد المحدد للتسليم عن كل يوم تأخير يزيد على (60) ستين يوماً.
- 13- استناداً لأحكام المادة (78/ب) من نفس التعليمات المشار إليها بالبند (12) من هذه الشروط، فإنه للجنة الشراء الحق بشراء المواد التي تأخر المتعهد في توريدها على حسابه دون سابق إنذار وتحمله فروق الأسعار.
- 14- يلتزم المتعهد بنماذج الكفالات المرفقة بهذه الدعوة، وذلك في حال رغبته بتقديم كفالة بنكية وليس شيك بنكي مصدق.



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15. The bidder must provide Three years Warranty and Support as a minimum for the offered equipment.
16. All Bidders must visit the site to prepare and suggest if there are any missing parts that may exist in a separate sheet.
17. Quantities mentioned above can be considered as minimum requirements and bidders are fully responsible for end-to-end solutions and quantities.
18. Bidders should have a minimum of 7 years of experience in Jordan Market.
19. The bidder should have excellent experience in such an environment; a complete profile for a Minimum of 3 similar previous projects in Jordan is required.
20. The bidder shall provide on-site training for hardware installation and software configuration.



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