

Annex D RFQ 2408-24 (Re-bid)_Submission form							
Weather Studio media installation for ANAM Burkina Faso							
Item	N° (if any)	Product description and specification	Quantity (if applicable)	Vendor to complete			
				Unit of measure	LTA Unit Price	Total Price	Warranty information
				WMO to complete		Is it compliant?	
						Yes	No
V I D E O	2.1	UHD 4K 3G-SDI/HDMI Camera	1				
	2.2	HD and 4K live production switchers Video Inputs: •Minimum of 8 HDMI inputs for various cameras and video sources. •At least 4 SDI inputs for professional-grade video equipment. Video Outputs: •At least 4 HDMI outputs for program, preview, and multiview monitoring. •BDI outputs for high-quality broadcasting. •Resolution and Refresh Rate: •Support for Full HD (1080p) and 4K resolutions. •Standard refresh rates including 30 fps and 60 fps, with support for higher rates. Audio Support: •Integrated audio mixer with numerous channels, often more than 12. •XLR/TRS inputs for external microphones and audio sources. Transitions and Effects: •Advanced chroma key support for high-quality overlays. •Comprehensive range of transition effects such as fades, wipes, and cuts. •Picture-in-Picture (PIP) and other composition effects for dynamic presentations. Control Interface: •Physical control panel with tactile buttons, sliders, and optional touchscreen interfaces. •Software control compatibility with Windows and macOS. Broadcasting and Recording Capabilities: •Integrated encoding for live streaming on platforms like YouTube, Twitch, and custom RTMP servers. •Ability to record outputs in formats such as H.264 or H.265 on external storage devices.	1				
	2.3	HyperDeck Mini: - 1 x 3G-SDI Input. - 1 x HDMI and 1 x 3G-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. - 1/3 Rack-Mountable Form Factor. - USB-C, 1G Ethernet, RS-422	1				
	2.4	Monitor 24" (min size) (Size, under camera and Programme)	1				
	2.5	Monitor 33" (min size) (Control)	1				
	2.6	32 GB SDHC Memory Card up to 90 MB/s, Class 10	1				
	2.7	SDI to HDMI mini converter	1				
	2.8	HDMI to SDI Mini converter	1				
	2.9	USB presentation clicker	1				
	2.10	Web Presenter	1				
	2.11	SDI Video Inputs:	1				
	2.12	SDI Video Outputs: - 1 x loop out, 1 x monitor out. - SDI BNCs 1, 3G, 3G, 6G, 12G	1				
	2.13	HDMI Video Outputs: - 1 x monitor out	1				
	2.14	Webcam Output: - 1 x Type USB-C up to 1080p60	1				
	2.15	Direct Streaming: - supports direct live streaming over ethernet using Real Time Messaging Protocol (RTMP).					
	2.16	Control Panel: - Built-in control panel with 2 3-inch color display for video preview, audio meters and status					
	2.17	Ethernet: - Ethernet supports 10/100/1000 Base T for live streaming, software control and					
	2.18	HD Video Input Standards: 720p50, 720p59.94, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 1080pF23.98, 1080pF24, 1080pF25, 1080pF29.97, 1080pF30 1080p50, 1080p59.94, 1080p60					
	2.19	Ultra-HD Video Input Standards: 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60					
	2.20	Video Input Color Space: Rec. 601, Rec. 709, Rec. 2020 3G SDI Auto detects SMPTE Level A or B on SDI input					
	2.21	SDI and HDMI Monitor Out Video Standards: 1080p50, 1080p59.94, 1080p60					
	2.22	Video Streaming Standards: 720p25, 720p30, 720p50, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60					
	2.23	Compatible Services and Software: - YouTube Live, Facebook Live, Twitter, Twitch, Skype, Microsoft Teams, Open Broadcaster and Wowza Streaming Engine					
	2.24	Operating Systems: Windows 10, 64-bit, Linux, Mac 10.15 Catalina, Mac 11.1 Big Sur or later, Chrome OS					
	2.25	Power Supply: - 1 x Internal 100 ~ 240V AC	1				
	2.26	12V DC Input: - 1 x +12V DC 4-pin XLR	1				
	2.27	Power Usage: 21 W					
	2.28	Laptop (Core i5 1135G7 / 2.4 GHz, Win 10 Pro 64-bit, 8 GB RAM, 256 GB SSD, 15.6" IPS 1920 x 1080 (Full HD), Iris Xe Graphics, Wi-Fi 6, Bluetooth)	1				
A U D I O	2.1	Multimedia Monitors: Monitor Type & Configuration: Active 2-Way Total Power Output: 50 W per Monitor Tweeter: 1 x 0.75" / 19.1 mm Silk Dome Woofer: 8 x 3" / 7.62 cm Polypropylene Cone Frequency Range: 20 Hz to 20 kHz (160 dB) 80 Hz to 20 kHz (1.3 dB)	1				
	2.2	Input and output options of a digital mixer: Digital I/O: 1x KAS (Control) 1x KAS Ultratnet (Control) 1x XLR AES3 Output 1x etherCON AES50/SuperMAC MIDI I/O: 1x MIDI 5-Pin In 1x MIDI 5-Pin Out USB: 1 x USB Type-A (USB 2.0, Audio Playback, External Memory)	1				
	2.3	High quality Dynamic Stereo Headphones	1				
	2.4	Microphone System: Dimensions: Approx. 82 x 64 x 24 mm, Total harmonic distortion: < 0.5 % Weight: (incl. batteries) approx. 130 g Audio output: 3.5 mm jack socket +17 dBu (mono, balanced) Signal-to-noise ratio: Line: > 110 dBA, Phones: approx. 90 dBA Switching bandwidths: up to 88 MHz Peak deviation: 848 kHz Nominal deviation: 124 kHz Operating time: Typically, 8 h Modulation: Wideband FM Power supply: 2 AA batteries, 1.5 V	1				
	3.1	Platform: - Double Ball joint Head with Camera Platform	1				
	3.2	Furniture: - 40 19" rack sleeve	1				
	4.1	Bundle: Chroma Key Lighting Bundle	1				
	4.2	Ring: Stopping Ring Adapter for Chroma Key Setup	1				
	4.3	Panel Light: Professional Bi-Color LED Lighting Kit	1				
	5.1	15 meter XLR mic cable	1				
	5.2	Rack cabling, connectors, power distribution, shelves, security	1				
	5.3	panels, bungs, labelling etc.	1				
I N S T A L L A T I O N M A T E R I A L	5.4	PC / Programme / AV View 3 meter monitor cable loom	1				
	5.5	Side Monitors 15 meter cable loom (HDMI TO HDMI)	1				
	5.6	Cam / Monitor 15-meter cable loom (2 x SDI, 1 x PC+ & 13A)	1				
	5.7	On site mini toolkits and consumables kit (cables, pins, tape etc)	1				
	5.8	10 meter 13A > 13A extension cable (local supply connector)	1				
	5.9	8-port Gigabit Ethernet Switch	1				
	5.10	Camera 12G-SDI UHD-4K Single-Channel BNC Cables	1				
	5.11	1 x 4 HDMI Splitter	1				
	5.12	Ethernet Patch Cards	1				
	5.13	European Power distributor / conditioner	1				
	5.14	APC 6000VA / 6kVA 230V, with built-in, External Battery Pack	1				
	I n s t a l l a t i o n & T r a i n i n g	6.1	Configuration, Set-up, and Testing: This phase involves on-site installation of weather studio equipment at ANAM in Ouagadougou, focusing on establishing connections between various pieces of equipment. The supplier is responsible for configuring the necessary equipment according to specific requirements. They will ensure all connections are properly established and conduct thorough testing to confirm the functionality of each component.				
6.2		Technical Support: The supplier must be capable of providing technical support to address any issues that may arise during the setup process and throughout the 3-year warranty period. This support may involve troubleshooting technical problems, providing guidance on equipment setup and usage, and assisting with any questions or concerns related to the weather studio equipment.					
6.3		Training: The supplier will conduct a comprehensive training program for at least 3 weather studio personnel. This includes a 3-day on-site training session where users will receive hands-on instruction on how to effectively operate and maintain the installed equipment. Additionally, the supplier may provide online training resources for continuous learning and support.					
Warranty		At least three years warranty					
Shipping		Incoterm : DPU (2020) Address of shipping: Agence Nationale de la Météorologie (ANAM) 01 BP 576 Ouagadougou 01 Burkina Faso Tel: +226 2335 4039 / +22603338939					

Note: Please see Annex A for further information

Company Name:

Date:

Name:

Functional Title of Authorised Signatory:

Authorized signature: