



Republic of the Philippines
Department of Education
REGION IV-A CALABARZON
GATE 2, KARANGALAN VILLAGE
1900 CAINTA, RIZAL

REQUEST FOR QUOTATION

The **Department of Education Region IV-A (CALABARZON)** through its **Bids and Awards Committee**, intends to procure "**CALABARZON STUDIO EQUIPMENT**" in accordance with Alternative Method of Procurement under ☐Section 52 (Shopping) or ☒Section 53.9 (Negotiated Procurement – Small Value Procurement) of the 2016 Revised Implementing Rules and Regulations of Republic Act No. 9184. The Approved Budget for the Contract (ABC) is **EIGHT HUNDRED THOUSAND PESOS (Php800,000.00).**

Please quote your **Best Offer** for the item/s described herein, **subject to the Terms and Conditions** provided at the bottom/last page of this Request for Quotation (RFQ). Submit your proposal/quotation duly signed by your authorized representative **not later than September 6, 2021 at 5:00 P.M.** at the BAC Secretariat, DepEd Region IV-A CALABARZON, Gate 2 Karangalan Village, Cainta, Rizal. **Quotations may also be submitted through facsimile or email at the address and contact numbers indicated below.**

A copy of your 2021 **Business/Mayor's Permit**, and **PhilGEPS Registration Number** are required to be submitted along with your signed quotation/proposal. Provided further, that if the ABC is more than P500,000.00, the supplier/contractor/consultant is required to submit its latest Income/Business Tax Return.

Also, please provide a copy of your **Department of Tourism (DOT) Certificate of Authority to Operate** for hotels, including staycation hotels, in areas classified under a Modified General Community Quarantine (MGCQ) and General Community Quarantine (GCQ) pursuant to the latest **IATF-EID Resolution No. 79** issued on October 15, 2020.

Moreover, a **Notarized Omnibus Sworn Statement (GPPB-prescribed forms)** will also be required to be submitted prior to award.

For any clarification, you may contact us at telephone no. **02-8682-5773; 8684-4914; or 8647-7487** or e-mail address at bac.calabarzon@deped.gov.ph


JOCELYN L. MARTIN
BAC Secretariat



"EXCELLENCE is a CULTURE and QUALITY is a COMMITMENT"

Trunkline: 02-8682-5773/8684-4914/8647-7487

Website: depedcalabarzon.ph

Document Inquiry : <https://r4a-teadoc.com/inquire>

Facebook: DepEd R-4A Calabarzon

In case of recently expired Mayor's/Business permit, it shall be accepted together with its Official Receipt that the bidder has applied for renewal within the period prescribed by the concerned local government unit, provided that the renewed permit shall be submitted after the award of contract but before payment in accordance with item 6.2 of Government Procurement Policy Board (GPPB) Resolution No. 09-2020.

In case of Unnotarized Omnibus Sworn Statement, it shall be accepted, provided that the Notarized Omnibus Sworn Statement shall be submitted after the award of contract but before payment in accordance with item 6.3 of GPPB Resolution No. 09-2020.

Date: _____

Name of Company:	
Address:	
Name of Store/Shop (if applicable):	
TIN:	
PhilGEPS Registration Number:	

INSTRUCTIONS:

- (1) Accomplish this RFQ correctly, accurately and completely.
- (2) Do not alter the contents of this form in any way.
- (3) All technical specifications are mandatory. Failure to comply with any of the mandatory requirements will disqualify your quotation.
- (4) Failure to follow these instructions will disqualify your entire quotation.

Sir/Madam:

After having carefully read and accepted the Terms and Conditions in the Request for Quotation, hereunder is our quotation for the item/s as follows:

TECHNICAL SPECIFICATION

1. Please quote your **best offer** for the item/s below. Please do not leave any blank items. Indicate "0" if item being offered is for free.
2. Bidders must state "Comply" or any equivalent term in the column "Bidder's Statement of Compliance" against each of the individual parameters of

each Specification.					
Item	Description	Total QTY	Bidder's Statement of Compliance	Unit Cost (VAT Inclusive)	Total Cost (VAT Inclusive)
	PLEASE SEE ATTACHED ANNEX "A" FOR YOUR REFERENCE OF SPECIFICATION				
TOTAL COST:					

**The above quoted prices are inclusive of all costs and applicable taxes.*

SCHEDULE OF REQUIREMENTS

The delivery schedule expressed as weeks/months stipulates hereafter the delivery date to the project site.

Item	Description	Total Quantity	Delivery
I			

FINANCIAL OFFER

Approved Budget for the Contract	Your Total Offered Quotation
Php 800,000.00	In words:
	In figures:

<u>Payment Details:</u>	Payment shall be made promptly, but in no case later than sixty (60) days, through Land Bank's LDDAP-ADA/Bank Transfer facility after submission of billing statement/invoice and upon fulfilment of other obligations as stipulated in the contract as well as upon inspection and acceptance of the goods by the end user.
Banking	

Institution	
Account Number	
Account Name	
Branch	

TERMS AND CONDITIONS:

1. Bidders shall provide correct and accurate information required in this form.
2. Price quotation/s must be valid for a period of sixty (60) calendar days from the date of submission of quotation.
3. Price quotation/s, to be denominated in Philippine peso shall include all taxes, duties and/or levies payable.
4. Quotations exceeding the Approved Budget for the Contract shall be rejected.
5. Award of contract shall be made to the Lowest Calculated and Responsive Quotation (for goods and infrastructure) or, the Highest Rated Offer (for consulting services) which complies with the minimum technical specifications and other terms and conditions stated herein.
6. Any interlineations, erasures or overwriting shall be valid only if they are signed or initialed by you or any of your duly authorized representative/s.
7. The item/s shall be delivered according to the requirements specified in the Technical Specifications.
8. The Department of Education Region 4A shall have the right to inspect and/or to test the goods to confirm their conformity to the technical specifications.
9. In case two or more bidders are determined to have submitted the Lowest Calculated Quotation/Lowest Calculated and Responsive Quotation, the DBM shall adopt and employ "draw lots" as the tie-breaking method to finally determine the single winning provider in accordance with GPPB Circular 06-2005.
10. Payment shall be processed after delivery and upon the submission of the required supporting documents, in accordance with existing government accounting rules and regulations. Please note that the corresponding bank transfer fee, if any, shall be chargeable to the contractor's account.
11. Liquidated damages equivalent to one tenth of one percent (0.1%) of the value of the goods not delivered within the prescribed delivery period shall be imposed per day of delay. The Department of Education Region IV-A shall rescind the contract once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, without prejudice to other courses of action and remedies open to it.

Signature over Printed Name

Position/Designation

Office Telephone Number

Fax/Mobile Number

E-mail address/es

SPECIFICATION OF GOODS

			Unit Price	Total Price
		VIDEO EQUIPMENTS		
3	PCS	ILCE 5100 CAMERA Specs: <ul style="list-style-type: none"> ✓ 24.3 MP Exmor® APS-C CMOS sensor ✓ BIONZ X™ engine for superb detail and noise reduction ✓ Fast Hybrid AF with 179 phase-detection points ✓ 180° tiltable LCD screen for perfect self-portraits ✓ Wi-Fi® and One-touch NFC for simple sharing and control ✓ NUMBER OF PIXELS (EFFECTIVE) ✓ 24.3MP ✓ MONITOR TYPE ✓ 3.0" wide type TFT LCD ✓ Unit Price Php14,999.00 		
10	PCS	HDMI CABLE 3M Specs: <ul style="list-style-type: none"> ✓ 3D compatible to all HDMI devices ✓ Gold-plated HDMI® connectors ✓ High quality construction ✓ Supports Ultra HD Resolution ✓ 3m length ✓ Unit Price Php1,625.00 		
1	PCS	ATEM MINI PRO HDMI LIVE SWITCHER Specs: <ul style="list-style-type: none"> ✓ 4-Channel Live Stream HDMI Switcher ✓ Control up to Four BMPCC 6K/4K Cameras ✓ Live Tally, Stream and Record Status ✓ Record Button, Channel Preview Multiview ✓ 2-Channel Digital Audio Mixer per Source ✓ HDMI Output, Ethernet ATEM Control ✓ Media Player, Computer Input Support ✓ Upstream and Downstream Keyers ✓ Color and Pattern Generators ✓ DVE Transition, Chroma/Luma Keyers ✓ Unit Price Php14,995.00 		
1	PC	HDMI VIDEO TO USB 3 CAPTURE CARD Specs: <ul style="list-style-type: none"> ✓ Host interface: Type C high-speed interface ✓ Input interface: HDMI interface ✓ HDMI video input: 1080p / 60hz HDMI HD interface ✓ HDMI Audio Input: LPCM audio signal ✓ HDMI input format: HDMI 1.4A compatible, up to 1080p / 60hz 8-bit, (RGB, YUV) ✓ Video sampling rate: HDMI: 165 mhz ✓ Full metal body, good heat dissipation and long service life ✓ Unit Price Php5,995.00 		

6	SETS	BI-2220PB KIT (1 LED LIGHT,1 STAND, 2 LITHIUM BATTERIES,1 Specs: <ul style="list-style-type: none"> ✓ The 2200PB Bi-Color LED video panel packs 576 individual LED bulbs that provide clean and bright illumination. ✓ Mounted on a U-shaped bracket, which makes it easy to position within 360 degrees ✓ Compatible with NP-F550/F570/F750/F770/F960/F970 Batteries.(not included) ✓ CRI 95+, restore the true color of portraits, landscapes and objects perfectly, showing Natural, Pure Color. ✓ Knob on the back of the head that customizes the color temperature from 3200K to 6000K. ✓ Unit Price Php14,999.00 		
3	PCS	TTT-63N Professional Tripod Specs: <ul style="list-style-type: none"> ✓ Material: Aluminum alloy and ABS ✓ Max.Load Capacity: 3kg ✓ Max Height: 1465mm/57.5inch ✓ Height without Central Axis:1215mm/47.8inch ✓ Min Height: 455mm/17.9inch ✓ Folded Length: 480mm/18.9inch ✓ Max Tube Diameter: 23mm ✓ Mix Tube Diameter: 14mm ✓ Number of Leg Sections: 4 ✓ Packing Size:105*105*505mm ✓ Package Weight:1434g ✓ Unit Price Php6,000.00 		
2	PCS	S40 HAND STABILIZER Specs: <ul style="list-style-type: none"> ✓ Supports GoPro and all other action cameras weight from 1.1 to 3.3 lb. ✓ Quick Balancing, 360 ° omni-directional stable shooting, with Quick Release Plate, 2*1/4" crew and 1*3/8" crew hole. ✓ Easy To Assemble and Carry, can be extended from 11.6"/29.5cm to 15.7"/40cm to adjust depending on different weight cameras you use. ✓ Aluminum construction with black powder coating, 6 removable weights (100+100+190)g*2. ✓ Allows high and low angle shooting, high precision bearings and low friction joints, Can be used with professional vest damping arm. ✓ Unit Price Php7,500.00 		
1	PC	4-2 CH I/O AUDIO INTERFACE Specs: <ul style="list-style-type: none"> ✓ Type: USB Interface ✓ Computer Connectivity: USB 2.0 ✓ Form Factor: Desktop ✓ Simultaneous I/O: 2 x 2 ✓ Number of Preamps: 2 x mic, 1 x instrument ✓ Phantom Power: Yes ✓ A/D Resolution: 24-bit/96kHz ✓ Analog Inputs: 2 x XLR-1/4" combo (mic/line) ✓ Analog Outputs: 2 x 1/4" TRS ✓ Headphones: 1 x 1/4" ✓ USB: 1 x USB-C ✓ Software: Audient ARC Bundled Software ✓ Unit Price Php14,999.00 		

2	PCS	<p>SOFT BOX Specs:</p> <ul style="list-style-type: none"> ✓ 50x70CM Dual Soft box light 200cm tripod 150W bulb ✓ High-quality and ultra-bright LED for shooting the subject ✓ This is a perfect digital photo video lighting softbox product. ✓ Designed specifically for photography and must be available indoors or shooting locations. ✓ Matching with photography bulbs, base is suitable for most lighting equipment. ✓ 50x70CM single head soft box light: white foldable soft cloth, high-quality reflective particles. ✓ The inside of the face is silver, which can minimize light loss and maximize light diffusion. ✓ Safe and non-toxic polyester fiber, 4 flexible welding rods. ✓ Standing light: folded height 27 inches (68 cm), working height 79 inches (190cm) ✓ The quick and easy installation method can produce beautiful scattered light. ✓ High quality, stable and durable performance, easy to install and use ✓ Outstanding softbox photography lighting products, specially designed for digital cameras and film cameras ✓ Unit Price Php1,500.00 		
		AUDIO EQUIPMENTS		
5	PCS	<p>LAVALIER WIRELESS MIC Specs:</p> <ul style="list-style-type: none"> ✓ Clear recording sound ✓ Compatible with smartphones, DSLR cameras, Consumer Camcorders, PCs etc. ✓ Light and compact for easy carrying ✓ Omnidirectional lavalier microphone ✓ Standard camera shoe mount and clip included ✓ Up to 50m (164ft) operation range (without obstacle) ✓ Power Supplied by two AAA batteries ✓ Unit Price Php14,995.00 		
5	PCS	<p>HANDHELD WIRELESS MIC Specs</p> <ul style="list-style-type: none"> ✓ Dual UHF Wireless Microphone• 200 Selectable Frequencies• Each Receiver have 100 UHF frequencies can be selected• Dual Antenna, True Diversity receiving system• 1U space rack mountable• Big LCD display for easy viewing• Balance XLR and unbalance audio output• Soft touch button control, easy to sync frequencies and operate• The transmitter display battery status ✓ Unit Price 14,995.00 		
4	PCS	<p>WIRELESS MIC RECEIVER Specs</p> <ul style="list-style-type: none"> ✓ Dual UHF Wireless Microphone• 200 Selectable Frequencies• Each Receiver have 100 UHF frequencies can be selected• Dual Antenna, True Diversity receiving system• 1U space rack mountable• Big LCD display for easy viewing• Balance XLR and unbalance audio output• Soft touch button control, easy to sync frequencies and operate• The transmitter display battery status ✓ Unit Price Php14,995.00 		

1	PCS	<p>AUDIO 16ch MIXER</p> <p>Specs:</p> <ul style="list-style-type: none"> ✓ 16-Channel Mixing Console ✓ Max. 10 Mic / 16 Line Inputs (8 mono + 4 stereo) ✓ 4 GROUP Buses + 1 Stereo Bus ✓ 4 AUX (incl. FX) ✓ "D-PRE" mic preamps with an inverted Darlington circuit ✓ 1-Knob compressors ✓ High-grade effects: SPX with 24 programs ✓ 24-bit/192kHz 2in/2out USB Audio functions ✓ Works with the iPad (2 or later) through the Apple iPad Camera Connection Kit / Lightning to USB Camera Adapter ✓ Includes Cubase AI DAW software download version ✓ PAD switch on mono inputs ✓ +48V phantom power ✓ XLR balanced outputs ✓ Internal universal power supply for world-wide use ✓ Rack Mount Kit Included ✓ Metal chassis ✓ Dimensions(W×H×D): 444 mm x 130 mm x 500 mm (17.5" x 5.1" x 19.7") ✓ Net Weight: 6.8 kg (15.0 lbs.) ✓ Unit Price 14,999.00 		
4	PCS	<p>POWERED SPEAKER</p> <p>Specs:</p> <ul style="list-style-type: none"> ✓ 15 inch active speaker system ✓ Provide excellent vocal and bass performance ✓ Rugged plastic mold design cabinet ✓ Bottom pole mount for tripod stand ✓ Signal loop for extended system application ✓ USB / Bluetooth Functions ✓ Multiple handle for wasy transport ✓ 90 X 60 degrees wave guide horn for wide coverage ✓ Multi angle enclosure can also use a monitor ✓ Line level and direct mic input ✓ DSP management control w/ 5 preset settings Normal, DJ, Voice, Live, Flat ✓ System Type: 2 Way Bass Reflex ✓ LF: 15" woofer (3" Voice coil size) ✓ HF:1.7" Polymide Dome Tweeter ✓ Freq Response: 43Hz-20KHz ✓ Amp Power: 500W Class D ✓ Input Impedence: 20K ohms ✓ Input Gain: line: +20dBu/Mic: +40dB ✓ Input Connector: Line (RCA & XLR combo jack) ✓ Output Connector: Line (XLR loop through) ✓ THD: Less than 0.5% ✓ LED Indicator: Power, Signal, Clip ✓ Crossover Freq: 2.5KHz ✓ AC Input: 220V 50-60Hz ✓ Dimesion 71 (H) X 45(W) x 38(D) cm ✓ Net Weight: 20.7Kg ✓ Unit Price Php14,995.00 		
10	PCS	<p>XLR CABLE FOR MIC</p> <p>Specs:</p> <ul style="list-style-type: none"> ✓ Ideal for studio recording and live sound, the AmazonBasics XLR Male to Female Microphone Cable creates a reliable, high-quality connection for optimal audio. The microphone cable features premium XLR male and XLR female connectors. ✓ Unit Price Php1,625.00 		

5	PCS	HEADPHONE TO PL Specs: <ul style="list-style-type: none"> ✓ High Quality ABS Plastic Casing Connector ✓ Connector 1: Female 3.5mm Jack (TS/Mono and TRS/Stereo) Compatible ✓ Connector 2: Male PL 6.35mm 1/4in Stereo TRS Plug ✓ Widely Used to Convert Conventional 3.5mm Headphone Plug to 6.35mm PL Connector ✓ Just Plug and Play ✓ Guaranteed to Reduce or Eliminate Audio Static Noise ✓ 1pc. Per Order ✓ Unit Price Php1,625.00 		
10	PCS	XLR CABLE FOR SPEAKERS Specs: <ul style="list-style-type: none"> ✓ Ideal for studio recording and live sound, the AmazonBasics XLR Male to Female Microphone Cable creates a reliable, high-quality connection for optimal audio. The microphone cable features premium XLR male and XLR female connectors. ✓ Unit Price 3,995.00 		
4	PCS	SPEAKER WALL MOUNT Specs: <ul style="list-style-type: none"> ✓ Wall Mounting Speaker Pole ✓ Multi Angle Adjustability ✓ Foam Padded Speaker Base Plate Adjusts from 5.5" to 10.5" ✓ Rubberized Mounting Surface To Protect Your Speaker From Scratches ✓ 35mm (1.38") Diameter Speaker Mount ✓ Can Hold Speaker Up To 150 lbs (68.2kg) ✓ Unit Price Php1,500.00 		
5	PCS	PL TO RCA Specs: <ul style="list-style-type: none"> ✓ PL to RCA - For Mixer to Amplifier Connector Jack (3Meter) ✓ Assembled Jack for Mixer to Amplifier ✓ Good Quality for Mixer to Amplifier connection ✓ High Quality Wire ✓ Unit Price Php1,625.00 		
5	PCS	10 RU TOUR CASE RACK Specs: <ul style="list-style-type: none"> ✓ 9mm Plywood Construction with Laminated Exterior Red Recessed Twist Latches and Spring-Loaded Rubber-Gripped Handles Heavy-Duty Commercial Grade Plated Hardware and Reinforced Ball Corners 3.2mm Thick Front & Rear Rack Rails Tongue & Groove Extrusion Aluminum Valance 4 Fixed, Heavy-Duty 4" Casters, 2 of Which are Locking ✓ Unit Price Php14,995.00 		
1	PC	PC DESK STATION Specs: <ul style="list-style-type: none"> ✓ Overall Dimension:44.5" L×23.6" W×29.5" H ✓ Desktop Dimension:44.5" L×23.6" W ✓ Package Dimension:32.7"L×28.3"W×6.9"H ✓ Height : 29.5"H ✓ Weight : 50lbs ✓ Max Capacity :260lbs ✓ Package included: ✓ 1x gaming desk ✓ 1x Large Mouse Pad ✓ 1x Cup Holder ✓ 1x USB Gaming Handle Rack ✓ Unit Price Php6,995.00 		

		MONITORS		
2	PCS	22" HD LED TV Specs: <ul style="list-style-type: none"> ✓ Panel Size 22 inches ✓ Resolution 3840 x 2160 ✓ Panel Type 3-side NearEdgeless ✓ In-Plane Switching ✓ Backlight WLED , IPS ✓ Brightness(typical) 350 cd/m² ✓ Aspect Ratio 16:9 ✓ Refresh Rate 60 Hz 75Hz 120Hz ✓ Response Time 4ms (extreme mode) ✓ 6ms (normal mode) ✓ Unit Price Php13,955.00 		
1	PC	32" HD LED TV Specs: <ul style="list-style-type: none"> ✓ Panel Size 32 inches ✓ Resolution 3840 x 2160 ✓ Panel Type 3-side NearEdgeless ✓ In-Plane Switching ✓ Backlight WLED , IPS ✓ Brightness(typical) 350 cd/m² ✓ Aspect Ratio 16:9 ✓ Refresh Rate 60 Hz 75Hz 120Hz ✓ Response Time 4ms (extreme mode) ✓ 6ms (normal mode) ✓ Unit Price 14,999.00 		
4	PC	HDMI SPLITTER Specs: <ul style="list-style-type: none"> ✓ HDTV Source Input Port: 1 ✓ Display Device Output Port: 4 ✓ Source Port Connector: 19 pin HDTV ✓ Display Device Port Connector: 19 pin HDTV ✓ HDCP Complaint: Yes ✓ Device Port LED: 6 ✓ Single Link Range: 3840x2160 ✓ Video Bandwidth: Up to 4.95Ghz ✓ Vertical Frequency Range: 85Hz ✓ Power Consumption (max.): 5 Watts ✓ HDTV Ver 1.4: 1.4 ✓ Unit Price Php4,995.00 		
3	PCS	MONITOR TV TRIPOD Specs: <ul style="list-style-type: none"> ✓ LCD Flat Panel TV Tripod, Portable TV Stand, Foldable Stand Mount, Fits LCD LED Flat Screen TV Up To 32", Adjustable Height, 22 lbs Weight Capacity, VESA 200x200, 220x220 (PTVSTNDPT3215) ✓ Height Adjustment: 32.3" - 59.8" -inches ✓ Tilt Adjustment: 0 - 360 Degrees ✓ Construction Material: Steel Alloy ✓ Steel Tube Thickness: 1mm (0.04") ✓ Folded Dimensions: 34.2" x 4.5" x 3.9" -inches ✓ Total Assembled Dimensions: 27.5" x 27.5" x 59.8" -inches ✓ Unit Price Php4,995.00 		
12	PCS	HDMI CABLES 5 METERS Specs: <ul style="list-style-type: none"> ✓ 3D compatible to all HDMI devices ✓ Gold-plated HDMI® connectors ✓ High quality construction ✓ Supports Ultra HD Resolution ✓ 3m length ✓ Unit Price Php1,950.00 		

DESKTOP PC FOR STREAMING				
1	SET	i5 PROCESSOR, 16 GB RAM, 512 GB SSD, 2TB HDD, 24" LED MONITOR Specs: ✓ CPU: i5 or Ryzen 5 Higher Generation ✓ RAM: 16GB DDR4 ✓ STORAGE: 512GB SSD or M.2 with 2TB HDD ✓ GPU: RTX 4-6GB or Higher ✓ CASE: FULL TOWER CASE WITH 5 -6 COOLING FANS ✓ POWER SUPPLY: 1000W Tru Rated BRONZE PSU ✓ MOUSE AND KEYBOARD: Gaming Grade Keyboard and mouse ✓ HEASET: Noise Cancelation with 7.1 Surround Sound ✓ SPEAKER: 2.1 Speaker System ✓ MONITOR: 24" LED IPS DISPLAY ✓ UPS / AVR: 1000VA UPS ✓ Unit Price 14,995.00		
		TOTAL		

Camera

HDMI
HDMI CABLE 3M

Mini Pro Switcher

provides gaming consoles, corporate computer streams, or HD cameras a four-input live production switcher with an integrated control panel. The four HDMI inputs are available on the rear of the chassis and they input up to 1080p60 video. There is also an HDMI output for a projector or external monitor, a USB Type-C output for streaming up to 1080p60 video to a computer, and an RJ45 10/100 Ethernet port for system management, remote control, and upgrades.

The control surface features easy-to-view, backlit control buttons to enable selecting camera inputs, controlling transitions, keyers, settings, and the DVE. The ATEM Mini features upstream and downstream keyers, an advanced chroma keyer, two linear/luma keyers, a DVE transition keyer, a pattern generator, and two color generators. There is also media player support for fill and key images, which supports up to 20 stills in PNG, TGA, BMP, JPEG, and TIFF formats. The HDMI output supports a minimum of 1366 x 768 resolution for monitoring your stream. It also supports the ATEM Software Control Panel via Ethernet, and it supports control and configuration using the ATEM Mini.

- Transitions

Available transitions include:

 - Cut: When you press the cut button, ATEM instantly changes from your current program source to the preview source. Cuts can be performed by directly selecting sources or by pressing the cut button to switch to the next source.
 - Mix: The mix, or dissolve, gradually transitions from one source to the next by creating a smooth blend. You can set custom timings to manually blend the transition.
 - Dip: Just like mix transitions, a dip transition is a gradual blend that includes either a solid color, graphic, or another clip between the two video sources. Dips to black or white between sources are the most popular, or you can use logos or sponsor graphics.
 - Wipe: Built-in wipe patterns include circles, diamonds, squares, and more. Shapes and patterns can be inverted or softened, and can even have customized colored borders.
 - DVE: With the powerful built-in Digital Video Effects processor, or DVE, you can push, spin, squeeze, or swoosh your live video from one camera to the next with incredible built-in transitions. DVE transitions can be flip-flopped and reversed, giving you even more transition options.
- Upstream Keyer

Layer live video over other video sources or graphics with the Upstream Keyer. You can use luma key, linear key, pattern key, or shoot against a green screen and use chroma key to instantly composite the video over virtual sets.

 - Luma key: Luma keys work best with high-contrast images, like white elements on a black background, so you can use the contrast to cut the black background and replace it with live video or graphics.

- Linear key: Get clean, high-quality results with linear keying by using two separate sources for the fill and the key to create one video image. The fill signal contains the video to be stacked over the background, while the key signal contains a gray scale mask to cut out, or mask, the area to be filled.
- Chroma key: Used every day for TV weather forecasts, chroma keys are a powerful way of combining live images in real time. The presenter typically stands in front of a green or blue background and the chroma keyer will remove only that color and combine it with another image, such as a video or graphic.
- Pattern key: Combine live images with any of the built-in wipe patterns to combine live images or graphics with geometric shapes. You get full control over softness, symmetry, size, and position to create unique picture-in-picture effects that can be transitioned to as easily as any live source.

3. *Downstream Keyers*

The ATEM Mini switcher includes one downstream keyer, so you can add high-quality graphics like logos, bugs, and titles from the built-in media player over the live stream program output. Downstream keyers are the last layers of keying, so they overlay all video switched to the main program output.

4. *Audio Mixer*

The built-in audio mixer lets you control both camera and external audio with precision level and balance adjustments on all six available audio inputs and two channels. The mixer features selectable On/Off/Audio-Follow-Video per channel, plus it has separate gain control per channel, level and peak metering, and new Fairlight audio enhancements such as compressor, gate, limiter, six bands of parametric EQ, and master gain control.

5. *Monitor Output*

The HDMI monitor output allows you to see your sources, graphics, preview, and program output on a single screen.

6. *Media Player*

Eliminate external character generators by storing up to 20 broadcast quality RGBA graphic files in the media pool. The one media player appears as input sources to your switcher. You can transition to graphics as full-frame video, or feed them to the keyers for overlaying video. Popular image formats such as PNG, TGA, BMP, GIF, JPEG, and TIFF are supported.

CAPTURE CARD

- Host Interface: up to 1920x1200
- Frame Rate: 25/29.98/30/50 / 59.94 / 60fps
- Output color space: YUY2, RGB24
- Video sampling rate: HDMI: 165 mhz
- Driver: installation driver Free, plug and play
- Power supply: no power required
- Product size: L 21 71 71 * W * H mm
- Full metal body, good heat dissipation and long service life
- Large carpet background
- Host interface: Type C high-speed interface
- Input interface: HDMI interface
- HDMI video input: 1080p / 60hz HDMI HD interface
- HDMI Audio Input: LPCM audio signal
- HDMI input format: HDMI 1.4A compatible, up to 1080p / 60hz 8-bit, (RGB, YUV)
- Resolution format: USB3.1 high-speed interface