BASES CONVERSION and DEVELOPMENT AUTHORITY
2/F Bonifacio Technology Center, 31st Street Bonifacio Global City, Taguig City
Tel. No. 575-1700 loc. 1782/1784
Fax No. : 575-1785

REQUEST FOR QUOTATION

(Company Name):

Date: 09 October 2019

PR No. 0001398

Please quote your lowest price(s) using this form, or your letterhead. Also, take note of the following details:

1) Quotation/s shall be addressed to the Head of Procurement Division.   Please indicate Solicitation or Reference No.
2) Send the said quotation/s to BCDA or fax the same at no. 575-1785 not later than **15 October 2019**
3) Quotation/s submitted after the set deadline indicated in item no. 2 shall not be accepted/considered.
4) The quotation/proposal shall be property signed by the authorized representative

BCDA reserves the right to accept or reject any or all of the quotations, or waive formally therein, or to accept quotation/s
as may be considered most advantageous to the gov't., or to pursue appropriate legal action should the winning bidder
refuse to accept the award without justifiable reason/s.

URSULA N. ARANDELA
Canvasser

VICKY M. NATIVIDAD

TO: BCDA HEAD OF PROCUREMENT

Per request, below is/are the price(s) of the article(s)/service(s) as indicated under Unit Price:

QTY (A)	UNIT	DESCRIPTION/SPECIFICATIONS	UNIT COST (ex-VAT) (B)	VAT (C)	TOTAL UNIT COST (D=B+C)	TOTAL AMOUNT (AxD)
1	UNIT	DIGITAL CAMERA LENS MOUNT ACTIVE MFT MOUNT, EFFECTIVE SENSOR TYPE-18.96MM X 10MM (FOUR THIRDS), LENS CONTROL-IRIS, FOCUS AND ZOOM ON SUPPORTED LENSES *SEE ATTACHED SPECS*				
1	UNIT	DIGITAL CAMERA 4K WEB CAMERA; 4K ULTRA HD, 2160P/30 FULL HD, 1080P/30 OR 60, HD 720P/30, 60 OR 90, FIELD OF VIEW-65°, 78° AND 90°, HD DIGITAL ZOOM-5X, NOISE CANCELLING MIC(S)-2 OMNI-DIRECTIONAL MICS *SEE ATTACHED SPECS*				
1	UNIT	MICROPHONE SHOTGUN MICROPHONE, POWERED WITH AN INTERNAL 1.5V AA BATTERY OR EXTERNAL +48V PHANTOM POWER SOURCE, SUPER-CARDIOID POLAR PATTERN *SEE ATTACHED SPECS*				
2	ITEM	TRIPOD PLASTIC OR ALUMINUM ALLOY LEGS + S6 VIDEO HEAD, 6KG LOAD CAPACITY, INTEGRAL LEVELING PLATFORM, SEPARATE PAN AND TILT DRAG LOCK LEVERS *SEE ATTACHED SPECS*				
1	PIECE	SDI CABLE SDI VIDEO INOUTS, SDI VIDEO OUTPUTS-1X PROGRAM OUT, 1X LOOP OUT, SDI RATES - 270MB , 1.5G, 3G, 6G 12G *SEE ATTACHED SPECS*				

1	ITEM	CONNECTOR MINI CONVERTER SDI TO HDMI 6G, CONVERT SDI IN SD, HD AND ULTRA HD TO HDMI 4K WITH ANALOG AND AES AUDIO *SEE ATTACHED SPECS*				
1	PIECE	HDMI CABLE 3 METERS *SEE ATTACHED SPECS*				
1	PIECE	HDMI CABLE 5 METERS *SEE ATTACHED SPECS*				
1	PIECE	HDMI CABLE 10 METERS *SEE ATTACHED SPECS*				
1	PIECE	XLR CABLE *SEE ATTACHED SPECS*				
1	PIECE	SDI CABLE 10 METERS *SEE ATTACHED SPECS*				
1	PIECE	SDI CABLE 20 METERS *SEE ATTACHED SPECS*				
1	PIECE	USB CONNECTOR ACTIVE 3.0 USB EXTENSION CABLE 5METERS *SEE ATTACHED SPECS*				
1	PIECE	USB CONNECTOR ACTIVE 3.0 USB EXTENSION CABLE 3METERS *SEE ATTACHED SPECS*				
1	ITEM	WIFI MODEM (POCKET) LTE WIRELESS ROUTER 4G-WITH SIM CARD SLOT; SUPPORT LTE CAT9 (LTE 3CA), SPEED UP TO 450MBPS; ACCESS TO GIGABIT ETHERNET NETWORK; WIFI 802.11B/G/N/AC, 2.4G/5G DUAL BAND CONCURRENTLY, AC UP TO 1300MBPS *SEE ATTACHED SPECS*				
		Delivery in BCDA OFFICE Taguig City				

Terms and conditions:

Price: Inclusive of all applicable taxes

Payment: 30 CALENDAR DAYS

Delivery: CALENDAR DAYS (PLEASE SPECIFY)

Validity of price: one month

WARRANTY :

We hereby certify, that we have prepared, checked and reviewed this quotation.

This quotation is valid unless revoked in writing which should be done prior to our receipt of the Purchase Order or Job Order.

_____   _____   _____
Printed Name/Signature/DATE   Immediate Supervisor   Telephone / Fax Number

PROCUREMENT OF FB LIVE EQUIPMENT, ICTD COMMAND CENTER, OP CONFERENCE ROOM ENHANCEMENT

TERMS OF REFERENCE / TECHNICAL SPECIFICATIONS

LOT NO.	ITEMS	SPECIFICATIONS
A		**FB Live Equipment**
1	1 unit	**4K Camera**
		Camera Features
		• Lens mount: Active MFT mount
		• Effective Sensor Type: 18.96mm x 10mm (Four Thirds)
		• Lens Control: Iris, focus and zoom on supported lenses
		• Dynamic Range: 13 stops
		• Dual Native ISO: 400 and 3200
		• Shooting Resolutions: 4096 x 2160 (4K DCI), 3840 x 2160 (Ultra HD), 1920 x 1080 (HD)
		• Frame Rates: Maximum sensor frame rate dependent on resolution and codec selected. Project frame rates of 23.98, 24, 25, 29.97, 30, 50, 59.94 and 60 fps supported. Off-speed frame rates up to 60 fps in 4K DCI, 120 fps in HD windowed
		• Focus: Auto focus available using compatible lenses
		• Metadata Support: Automatically populated lens data from electronic Micro Four Thirds lenses. Automatic recording of camera settings and slate data such as project, scene number, take and special notes
		• Controls: Touchscreen menus on 5 inch screen. 1 x Power Switch, 1 x Record Button, 1 x Stills Button, 1 x Scroll Wheel with push integrated into handgrip, 1 x ISO Button, 1 x White Balance, 1 x Shutter Button, 3 x software configurable Fn buttons, 1 x High Frame Rate (HFR) Button, 1 x Zoom Button, 1 x Menu Button, 1 x Play Button, 1 x Focus Button and 1 x IRIS Button
		Connections
		• Video Outputs: HDMI
		• Analog Audio Inputs: 1 x mini XLR analog switchable between mic with phantom power support and line level (up to +14dBu). 1 x 3.5mm Stereo Input. Can also be used for Timecode input
		• Analog Audio Outputs: 1 x 3.5mm headphone jack
		• Computer Interface: USB Type-C for external drive recording and software updates
		Audio
		• Integrated stereo microphone
		• Built in speaker
		Standards
		• HD Video Standards: 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60
		• Ultra HD Video Standards: 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60
		• 4K DCI Standards: 4KDCIp23.98, 4KDCIp24, 4KDCIp25, 4KDCIp29.97, 4KDCIp30, 4KDCIp50, 4KDCIp59.94, 4KDCIp60
		Media
		• 1 x CFast card slot, 1 x SD UHS-II card slot, 1 x USB-C 3.1 Gen 1 expansion port for external media
		• Can format media to ExFAT (Windows/Mac) or HFS+ (Mac) file systems
		Power Requirements
		• Power Supply: 1 x External 12V power supply
		• External Power Input: 1 x 2-pin locking connector
		• Power: 12V-20V
		Inclusions:
		• 512 GB SD Card
		• Two (2) Extra Battery (LP-E6)
		• **Micro Four Thirds Lens (Compatible)**
		• USB-C Expansion Port
		Warranty
		• 1 year Warranty
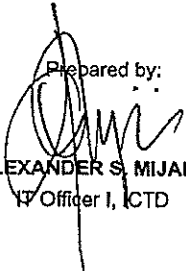
2	1 unit	**4K Web Camera**
		Resolution/FPS
		• 4K Ultra HD
		• 2160p/30 Full HD
		• 1080p/30 or 60
		• HD 720p/30,60, or 90
		• Field of View: 65°, 78°, and 90°
		• HD Digital Zoom: 5x
		• Auto-Light Correction:
		• Noise Cancelling Mic(s): 2 omni-directional mics
3	1 unit	**Shotgun Microphone**
		• Powered with an internal 1.5V AA battery or external +48V phantom power source
		• Super-Cardioid Polar Pattern
		• Lightweight Durable Construction
		• Low Handling Noise Low noise output electronics provide high signal-to-noise ratio
		• Compatible with Lot A1 (4k camera)
4	1 unit	**Web Presenter**
		Connections
		• SDI Video Inputs
		• SDI Video Outputs: 1x program out, 1x loop out
		• SDI Rates: 270Mb, 1.5G, 3G, 6G, 12G
		• HDMI Video Inputs: 1; HDMI Video Outputs: 1x loop out
		• Analog Audio Inputs: 1x XLR.2 x RCA HiFi; Analog Audio Outputs: None
		• RCA: 2 X HiFi Analog audio input
		• XLR: 1 X input supporting both microphone and line levels
		• USB Webcam: 1
		• HDMI 2.0: 1 X Input, 1 X loop out, (2 channel embedded audio)
		• USB 2.0: 1 X Type B
		• Mini USB: 1 X for software updates
		• Streaming Video Standards: 720p over USB
		HDMI Video Standards:
		• SD Video Standards: 525i59.94 NTSC, 625i50 PA
		• HD Video Standards: 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 1080i50, 1080i59.94, 1080i60
		12G SDI Video Standards:
		• SD Video Standards: 525i59.94 NTSC, 625i50 PAL
		• HD Video Standards: 720p50, 720p59.94, 720p60, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60, 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080i50, 1080i59.94, 1080i60
		• Ultra HD Video Standards: 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60
		• Hardware Frame Buffer: Supports any USB UVC and UAC webcam video drivers.
		• Computer Capture: USB webcam for Mac, Windows, Linux and any operating system that supports 720p HD webcams.
		• Compatible Services and Software: YouTube Live, Facebook Live, Twitch.tv, Periscope, Skype, Open Broadcaster and XSplit Broadcaster.
		• Warranty: 3 Years
5	1 unit	**Mini Converter SDI to HDMI 6G**
		• Convert SDI in SD, HD and Ultra HD to HDMI 4K with analog and AES audio

6	2 units	**Fluid Video Head Tripod**
		• Plastic or Aluminum Alloy Legs + S6 Video Head
		• 6 kg Load Capacity
		• Integral Leveling Platform
		• Separate Pan and Tilt Drag Lock Levers
7		**High Grade Cables**
	1 pc	• HDMI CABLE 5M
	1 pc	• HDMI CABLE 3M
	1 pc	• HDMI 10M
	1 pc	• XLR CABLE
	1 pc	• SDI CABLES 20M
	1 pc	• SDI CABLES 10M
	1 pc	• Active 3.0 USB Extension Cable (5M)
	1 pc	• Active 3.0 USB Extension Cable (3M)
8	1 unit	**LTE Wireless Router 4G**
		• With SIM Card Slot
		• Support LTE Cat9 (LTE 3CA), speed up to 450Mbps
		• Access to Gigabit Ethernet network
		• Wi-Fi 802.11b/g/n/ac, 2.4G/5G Dual Band Concurrently, AC up to 1300Mbps
		• 32 wifi users/band (up to Max. 64 wifi users)
		• USB 2.0 port
		• with External antenna
		•1 Lan/Wan Port, 3 Lan Port
		• (4G): LTE FDD 2600/2100/1800/1400/900/800/700(B28) MHz
		• (3G): DC-HSPA+/HSPA+/HSUPA/HSDPA 2100/900 MHz
		• (2G): GSM/GPRS/EDGE 1900/1800/900/850MHz
		• One (1) year Warranty
B		**ICTD COMMAND CENTER**
1	4 units	**Video Displays**
		• 4K UHD TV
		• Edge-lit LED
		Video
		• Screen Size: 54.6" Measured Diagonally
		• Resolution: 3,840 x 2,160
		• Motion Rate: Advanced 120
		• Wireless Connectivity: With WiFi, Wifi Direct, Bluetooth
		Audio
		• Dolby: Yes
		• Sound Output (RMS): 20W
		• Speaker Type: 2CH
		Features
		• Processor: Quad-Core
		• Mobile to TV - Mirroring, DLNA
		Inputs & Outputs
		• HDMI Ports
		• USB Ports
		• Ethernet (LAN) Port

		• RF In (Terrestrial/Cable Input): 1/1(Common Use for Terrestrial)/0
		• RS232C Supports USB to Ex-Link Adapter
		Warranty
		• 1 year Warranty
2	4 pcs	<u>Inclusions:</u>
		<u>HDMI Cable</u>
		• HDMI (3D, Deep Color, 4K); HDCP 2.2 compliant
		• Superior video quality – up to 4K (4096 x 2160 @30Hz)
		• Gold-plated connectors for reliable transmissions
		• 15 meters
	4 pcs	<u>LAN Cable</u>
		• 20 m each
		• Category 6
	4 pcs	<u>Wall Bracket</u>
3		<u>Installation</u>
		• Labor, Materials (Structural framing & Support), Testing & Commissioning.
C		**OP CONFERENCE ROOM ENHANCEMENT**
1	1 unit	<u>Video Display</u>
		Panel
		• Screen Size: 65"
		• Resolution: 3,840 x 2,160 (4K UHD)
		• Viewing Angle Degree: 178 x 178
		• Brightness (cd/m^2): 350
		Video
		• Aspect Ratio: 5 modes (16:9, Original, 4:3, Vertical Zoom, All-Direction Zoom)
		Audio
		• Audio Output: 10 W + 10 W
		• Speaker System: 2.0 ch
		• Clear Voice: (Clear Voice III)
		• Sound Mode: 6 modes (Standard, Cinema, Clear Voice III, Sports, Music, Game)
		Interface
		• HDMI In 2.0 (2), USB 2.0, CI Slot
		• RF In, Digital Audio Out (Optical), HDMI/HDCP Input 2.0, RS-232C (Control & Service), Headphone Out, RJ (Ethernet)
		Function
		• USB Cloning, SNMP, SI Compatible, HDMI-CEC (1.4), HTNG-CEC (1.4) IR Out, Auto Off / Sleep Timer, Smart Energy Saving, Motion Eye Care
		Feature
		• Web Browser
		• Wi-Fi (ac)
		• Bluetooth Audio Playback
		• Mobile Connection Overlay
		• Music Player
		• Screen Share
		Power
		• Voltage, Hz: 100 ~ 240 V, 50/60 Hz
		Dimension
		• VESA Compatible: 300 x 300
		• W x H(H') x D / Weight (without stand) *H': Set: 1,468 x 848 (854) x 79.3 (SPK 89.9) / 21 kg
		Warranty

		• Two (2) year Warranty		
2		Inclusions:		
		• HDMI Cable 15 meters		
		• Wall Bracket		
3		Installation		
		• Labor, Materials (Structural framing & Support), Testing & Commissioning.		

Prepared by:

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Recommending Approval

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