IN RE: COMPETITIVE PUBLIC BIDDING FOR THE PROCUREMENT OF MACHINERY AND EQUIPMENT OF THE INFORMATION AND COMMUNICATION OFFICE

ABC: PHP 17,481,159.99

ITB REFERENCE NO.: ICO-2021-06

SUPPLEMENTAL/BID BULLETIN NO. 2021-01
March 15, 2021

Pursuant to the Revised Implementing Rules and Regulations of Republic Act No. 9184 otherwise known as the Government Procurement Reform Act, please be advised of the following clarifications and Modifications on the Bidding Documents with respect to the subject procurement.

SUBJECT	ORIGINAL	AMENDMENT
1. Availability and Issuance of Bidding Documents.	XXX - A complete set of Bidding Documents may be acquired by interested Bidders on **March 1-23, 2021, 8:30 a.m.** from the given address and website(s) below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB.	XXX - A complete set of Bidding Documents may be acquired by interested Bidders on **March 1-25, 2021, 1:30 p.m.** from the given address and website(s) below upon payment of the applicable fee for the Bidding Documents, pursuant to the latest Guidelines issued by the GPPB.
2. Submission of bid	XXX - Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, **on**	XXX - Bids must be duly received by the BAC Secretariat through manual submission at the office address indicated below, **on**

		or before March 23, 2021, 8:30 a.m. Late bids shall not be accepted.	or before March 25, 2021, 1:30 p.m. Late bids shall not be accepted.
3. Bid Opening		XXX - **Bid opening shall be on March 23, 2021, 9:00 a.m.** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.	XXX - Bid opening shall be on **March 25, 2021, 2:00 p.m.** at the given address below. Bids will be opened in the presence of the bidders' representatives who choose to attend the activity.
4. Schedule of Requirements		**(Please refer to Annex A)**	
5. Technical Requirements		**(Please refer to Annex B)**	

This Supplemental Bid Bulletin No. 01 is issued to modify or amend the corresponding items in the Bidding Documents.

For guidance and information of all concerned.

Sgd.
SHA ELIJAH B. DUMAMA-ALBA
Chairperson, Bids and Awards Committee

Schedule of Requirements

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

Lot 1. Audio-Video Equipment System

Item Number	Description	Quantity	Total	Delivered Weeks/Months
1	Indoor LED Screen (2m (H) X 5m (W))	1	1	Within 30 calendar days upon receipt of NTP
2	Wireless Discussion Units	35	35	
3	Microphones	5	5	
4	Central Units	1	1	
5	Conference Camera	1	1	
6	Battery Pack	6	6	
7	Electronic Nameplate Control Unit	1	1	
8	Electronic Nameplate	35	35	
9	Pair of Teleprompter	2	2	
10	Pair of Speakers	4	4	
11	Amplifiers	2	2	
12	24 Channel Digital Mixer	1	1	
13	Monitor	40	40	
14	Transmitter Receiver	2	2	
15	HDMI Splitter	4	4	
16	Boardroom Table	1	1	
17	Executive Chairs	33	33	
18	Interactive Projector	1	1	
19	86" 4K Ultra HD Smart TV	2	2	
20	Installation and Orientation/Training			Upon completion of the delivery

Lot 2. Digital Information Management System

Item Number	Description	Quantity	Total	Delivered Weeks/Months
1	Server memory DDR3 PC3 32GB 1866Mhz LRDIMM ECC REG	24	24	Within 30 calendar days upon receipt of NTP
2	RACK UPS 1500VA	1	1	
3	RACK UPS BATTERY 1500VA	2	2	
4	24 Port Gigabit Ethernet Switch with PoE (2530-24G-PoE + Switch)	4	4	
5	Wireless Access Point (UAP-AC-PRO) With POE	4	4	
6	10-Port Gigabit Switch with PoE	1	1	
7	Unifi Security Gateway	1	1	

8	Omni Antenna - 5G 13dbi	1	1	
9	Internet Radio Modem - 5GHz 500mps	1	1	
10	Internet Radio Modem - 5GHz Prism	2	2	
11	Internet Radio RocketDish Antenna - 5GHz – 34dbi	2	2	
12	RocketDish Antenna Isolator - ISO-BEAM-620 Isolator Radome IsoBeam	2	2	
13	Internet Radio PowerBeam Antenna w/ modem – 5GHZ	15	15	
14	Ethernet Surge Protector	15	15	
15	Outdoor UTP Cable Cat6E Cat 6E UTP Cable	5	5	
16	PC SET (Bundled and pre-loaded with Windows 10 Professional 64bit)	14	14	
17	External Backup Portable Drive (5TB)	3	3	
18	2TB SSD - M.2 NVMe Solid-State Drive	3	3	
19	240GB SSD 2.5 SATA3	35	35	
20	Wireless Color Receipt & Document Scanner for PC and Mac, Auto Document Feeder (ADF)	1	1	
21	Color Multifunction Laser Printer/Scanner/Copier 1200 x 1200 DPI 32 Pages per Minute	1	1	
22	Ultra-Short Throw Interactive WXGA 3LCD Projector	1	1	
23	Hi-end Laptop for Video Editing and 3D rendering – 16GB Memory / 1TB SSD	1	1	
24	Double-Sided RFID Card Printer set	1	1	
25	Windows Operating System Pro. Edition	1	1	
26	P6.66 Outdoor LED wall	1	1	
27	55" Interactive Touchscreen (IR Touch)	1	1	
28	Installation and Orientation/Training			Upon completion of the delivery

Technical Specifications

Lot 1. Audio-video Equipment System

Item	Specification		State of Compliance
Indoor LED Screen (2m (H) X 5m (W))	Model	LS 3.91	
	Pixel Pitch	3.91mm	
	LED	SMD2020 (BLACK)	
	Pixel Density	65536 pixels	
	Brightness	800-1100 nits	
	Color Temperature	6500-9500k	
	Scan	16-Jan	
	Panel Dimension (W x H x D)	500mm x 1000mm x 75mm	
	Panel Resolution	128*256 pixel	
	Panel Weight	11.5kg. /25.35lb	
	Cabinet Material	Die Castin aluminum	
	Max Power Consumption	650w/m	
	Average Power Consumption	325w/m	
	Viewing Angle	H:160 V:140	
	Refresh Rate	1920Hz	
	Gray Scale	14-16 bit	
	IP Rating	IP30	
	Operating Humidity	10%-60%RH	
	Operating Temperature	-20C-+40C	
	Max Stacking	12 pcs	
	Max Hanging	12 pcs	
	Curve (Optional)	+7.5 degree	
	Lifetime	50,000 hrs.	
		-40 degree C - +60 degree	
	Storage Temp./Humidity	C 10% - 60% RH	
Wireless Discussion Units	Supply voltage (battery pack): 7.5 Vdc Power consumption: 4.5 W Operating time DCNM-WDE: > 20 hours (20% speech, 80% listening) Frequency response: 100 Hz – 20 kHz)(-3 dB at nominal level) THD at nominal level: < 0.1 % Dynamic range: > 90 dB Signal-to-noise ratio: > 90 dB Headphone load impedance: > 32 ohm <1k ohm Headphone output power: 15 mW		

	WIFI standard: IEEE 802.11n Frequency Range: 2.4 GHz and 5 GHz (ISM license free) Nominal microphone input: 80 dB SPL according IEC60914 Maximum microphone input: 110 dB SPL according IEC60914 Loudspeaker nominal output: 72 dB SPL at 0.5 m Loudspeaker maximum output: 80 dB SPL Headphone nominal output: 0 dBV Headphone maximum output: 3 dBV Screen size(DCNM-WDE only): 4.3 inch Screen type(DCNM-WDE only): Capacitive multi-touch Supported contactless NFC tag(DCNM-WDE only): According to: ISO/IEC14443 Type A (from 106 kbps to 848 kbps. MIFARE 106kbps).	
Microphones	Power supply: 5 VDC Power consumption: 0.1 W Bandwith: 100 Hz – 15 kHz according to IEC 60914 Dynamic range: > 96 dB Nominal input: 80 dB SPL Maximum input: 110 dB SPL Equivalent noise: 12 dB SPL Mounting: Plug and fasten into DICENTIS devices.	
Central Units	For DCN Next Generation or DCN wireless systems, or a combination of the two In single-CCU; maximum 245 wired contribution units, plus 245 wireless delegate units For multi-CCU systems, with up to 30 CCU's and a total of 4000 contribution units Voice activated microphone mode for wired and wireless systems Ethernet connection for configuration and control computers	
Conference Camera	Sensor: Sony Exmor: 1/2.8 Low Lux CMOS 2 MPResolution: (16:9) 1920 x 1080, 1600 x 900, 1280 x 720, 960 x 540, 848 x 480, 800 x 448, 640 x 360, 424 x 240, 320 x 180 (4:3) 800 x 600, 640 x 480, 480 x 360, 320 x 240Frame Rates:60, 30, 15 fpsPan: ±170°Tilt: -30 to +90°Zoom: 18x Total Zoom (12x Optical Zoom)Field of View: 82°Focal Length: 3.9 to 47.3mmF-Stop: 1.8 (Wide) to 2.8 (Tele)Minimum Focus Distance: 4.9' / 1.5 mPresets: b10 Camera Presets (Through Remote Control)Video Format: YUV, YUY2, MJPEG, NV12Network: Video Compress Format: H.264Network Protocol: RTSP,	

	RTMPConnectivity: 1 x 12 VDC, Power Port1 x 9-Pin Mini DIN, RS-232 Port1 x USB 3.1 Type-B Port1 x RJ45 Ethernet Port with PoE+1 x HDMI Port	
Battery Pack	DCN Battery Pack Nominal output Voltage: 7.5 VDC Capacity: 12800 mAh	
Electronic Nameplate Control Unit	Electronic nameplate Control unit with software and accessories	
Electronic Nameplate	15 inches full color, programmable electronic nameplate with accessories Connection type: Wifi	
Teleprompter	Reading Range: 27' / 8.2 m Beamsplitter Ratio: 60/40 Beamsplitter Size: 24 x 16" / 61 x 40.6 cm Tripod Mount Type: 2 x 1/4"-20 Female Size (Diagonal): 22.5" / 57.2 cm Maximum Brightness: 400 cd/m2 Input: 1 x HDMI, 1 x VGA 1 x Composite AC Input Power: 100 to 240 VAC, 50 / 60 Hz	
Pair of Speakers	Active or Passive: Passive Speaker Configuration: 2-Way Power Handling: 300 W Program, 600 W Peak Constant Voltage / Transformer Taps: 100 V: 15 / 30 / 60 W or 8 Ohms Bypass: 70 V: 7.5 / 15 / 30 / 60 W or 8 Ohms Bypass Impedance: 8 Ohms (Transformer Bypassed) Shielded: Yes	
Amplifiers	Number of Channels: 2 Power Rating: 4 Ohms / 50 V / 70 V / 100 V: 250 W (Full Range, 0.2% THD) 8 Ohms: 125 W Load Impedance / Voltage: 50 / 70 / 100 V 4 / 8 Ohms SNR: 103 dB THD: <0.1% Intermodulation Distortion: <0.1% (DIM 30) <0.1% (SMPTE) Crosstalk: <-75 dB Slew Rate: 50 V: 29 V/µs 70 V: 41 V/µs 100 V: 61 V/µs 4 / 8 Ohms: 18 V/µs	

24 Channel Digital Mixer	Number of Analog Input Channels: 24 Mix Routing: 1 x Main LRC, 1 x Subgroup, 6 x Stereo Aux Send, 8 x Mono Aux Send Groups: 8 x DCA Group Faders: 25 x 3.9" / 100 mm Motorized	
Monitor	19" LED Screen (w/customized stand) HDMI/VGA	
Transmitter Receiver	Antenna Ports Transmitter: 2 x RP-SMA Receiver: 5 x RP-SMA Video Transmitter: 1 x HDMI Type A Input Transmitter: 1 x BNC (3G-SDI/HD-SDI/SD-SDI) Input Transmitter: 1 x BNC (3G-SDI/HD-SDI/SD-SDI) Loop Output Receiver: 1 x HDMI Type A Output Receiver: 2 x BNC (3G-SDI/HD-SDI/SD-SDI) Output Embedded Audio: HDMI/SDI: 2-Channel Audio: Transmitter: 1 x 1/8" / 3.5 mm Input Power: Transmitter/Receiver: 1 x 4-Pin LEMO Input Other I/O: Transmitter/Receiver: 1 x Mini-USB Encryption: 128-Bit AES Wireless Range: 2000' / 609.6 m (Line-of-Sight) Channel Bandwidth: 40 MHz Frequency Range: 5.1 to 5.9 GHz Latency: < 1 ms RF Power: < 18 dBm RF Sensitivity: -75 dBm Wi-Fi None:	
HDMI Splitter	HDMI Splitter 16 ports	
Boardroom Table	40 ft. (L) X 8 ft. (W) 30-seater Boardroom Table	
Executive Chairs	Ergonomic design for ultimate comfort and posture, durable base with wheels for stability and ease of movement, gas lift seat for adjustable height, hard wearing black nylon armrests, and reclining function with tension control for various positions to be achieved.	
Interactive Projector	Power: Power Supply Voltage:100 – 240 V AC ±10%, 50/60 Hz Operating Temperature: Single Use: 0 – 45 °C*4 <32 - 113 °F> (20% – 80% humidity, No condensation) Multi-projection Use:0 – 40 °C*4 <32 - 104 °F> (20% – 80% humidity, No condensation) Screen Size (Projected Distance): Standard Size:70" – 100" [40.5 – 59.3 cm] 90" screen 53cm	

	Brightness*2: White Light Output (Normal/Eco):4,000lm / 2,800lm Colour Light Output:4,000lm Contrast Ratio: Contrast Ratio:Over 2,500,000:1 Internal Speaker(s): Sound Output:16W Mono x 1 Connectivity:Network:Wired LAN: RJ45 x 1 (100Mbps) Wireless: Yes (ELPAP10 Included) Analog Input:D-Sub 15Pin: 1 (Blue) Composite: RCA x 1 (Yellow) Digital Input:HDMI: 2 (HDMI1 in common with MHL) Analog Output Terminal:D-Sub 15Pin: 1 (Black) Digital Output Terminal:DVI-D: 1 (HDCP contents are not supported) Audio Input:Stereo Mini Jack: 2 Audio Output:Stereo Mini Jack: 1 Control I/O:RS-232C: D-Sub 9pin x 1 Interactive Sync: In x 1, Out x 1	
Amplifiers	Number of Channels: 2 Power Rating: 4 Ohms / 50 V / 70 V / 100 V: 250 W (Full Range, 0.2% THD) 8 Ohms: 125 W Load Impedance / Voltage: 50 / 70 / 100 V 4 / 8 Ohms SNR: 103 dB THD: <0.1% Intermodulation Distortion: <0.1% (DIM 30) <0.1% (SMPTE) Crosstalk: <-75 dB Slew Rate: 50 V: 29 V/μs 70 V: 41 V/μs 100 V: 61 V/μs 4 / 8 Ohms: 18 V/μs	
86" 4K Ultra HD Smart TV	Resolution: 4K Connectivity technology: Wi-Fi Display technology: LED Supported Internet services: Netflix, Google Assistant Display type: LCD Screen size: 86 inches Item weight: 45 Kilograms Frequency: 100 Hz Wireless communication technology: Wi-Fi	
Installation and Orientation/Training	The supplier shall conduct the installation and provide orientation or training to the end-user unit	

Lot 2. Digital Information Management System

Item	Specification	State of Compliance
Server memory DDR3 PC3 32GB 1866Mhz LRDIMM ECC REG	Server memory DDR3 PC3 32GB 1866Mhz ECC REG Load Reduced Dual In-Line Memory Module (LRDIMM)	
RACK UPS 1500VA	Rack type UPS battery for server	
RACK UPS BATTERY 1500VA	Back up battery	
24 Port Gigabit Ethernet Switch with PoE	24 Port Gigabit Ethernet Switch with PoE (2530-24G-PoE + Switch)	
Wireless Access Point (UAP-AC-PRO) with PoE	UAP-AC-PRO (Access Point) With POE	
10-Port Gigabit Switch with PoE	10-Port Gigabit Switch with PoE	
Unifi Security Gateway	Unifi Controller and Security Gateway for Unifi devices	
Omni Antenna - 5G 13dbi	Omni Antenna - 5GHz 13dBi Omnidirectional Access Point for CPE connections	
Internet Radio Modem - 5GHz 500mps	Internet Radio Modem with PoE 5GHz, 500mpbs+	
Internet Radio Modem 5GHz, up to 1gpbs+	Internet Radio Modem with PoE 5GHz, up to 1gpbs+ Basestation, backhaul radio	
Internet Radio RocketDish Antenna - 5GHz – 34dbi	Internet Radio RocketDish Antenna - 5GHz – 34dbi with kit	
RocketDish Antenna Isolator	RocketDish Antenna Isolator - ISO-BEAM-620 Isolator Radome IsoBeam	
Internet Radio PowerBeam Antenna w/ modem – 5GHZ – Long Range	Internet Radio PowerBeam Antenna w/ modem – 5GHZ, 500mpbs+ PowerBeam Type – Long Range	
Ethernet Surge Protector	Ethernet Surge Protector	
Outdoor UTP Cable Cat6E Cat 6E UTP Cable	Outdoor UTP Cable Cat6E Cat 6E UTP Cable High Quality with Free 50pcs Rj45 Cat6E Metal Shielded	
PC SET (Bundled and pre-loaded with Windows 10 Professional 64bit)	Mid-range spec PC for smooth operations of O-DIMS Project	
External Backup Portable Drive (5TB)	Seagate Backup Plus 5TB (Black) Portable Drive with High-Speed USB 3.0 & 2.0 Connectivity, Plug-and-play with Mac & PC	
2TB SSD - M.2 NVMe Solid-State Drive	2TB SSD - M.2 NVMe Solid-State Drive	

240GB SSD 2.5 SATA3	Storage device	
Wireless Color Receipt & Document Scanner for PC and Mac, Auto Document Feeder (ADF)	For heavy duty scanning	
Color Multifunction Laser Printer/Scanner/Copier 1200 x 1200 DPI 32 Pages per Minute	Multi-purpose photocopier machine	
Ultra-Short Throw Interactive WXGA 3LCD Projector	Interactive projector	
Hi-end Laptop for Video Editing and 3D rendering – 16GB Memory / 1TB SSD	High-end laptop for mobile video editing	
Double-Sided RFID Card Printer set	RFID Card Printer packed with 1,000pcs. RFID Cards and 5 sets of ribbons	
Windows Operating System Pro. Edition	Volume license for 100 devices	
P6.66 Outdoor LED wall	(Fixed) 2.88m x 3.84m IP 65/IP54 Pixel Pitch: 6.66 Dimension = 2.88m x 3.84m	
55" Interactive Touchscreen (IR Touch)	Standalone with built in computer processor,Wifi ready, - 4 point touch - No computer needed, - Windows Operating System SPECS: Processor: i5 Memory : 4Gb DDR3 Storage : 120GB SSD Graphics: 2GB HD550 shared memory	
Installation and Orientation/Training	The supplier shall conduct the installation and provide orientation or training to the end-user unit	