



LBP LEASING AND FINANCE CORPORATION
(A LANDBANK Subsidiary)

15th Floor SycipLaw Centre Bldg, #105 Paseo de Roxas St. 1226 Makati City
Telephone Number 8818-2200/ Fax Number 819-6176

INVITATION TO QUOTE FOR PROCUREMENT OF AUDIO VIDEO CONFERENCING DEVICES AND PERIPHERALS
(LLFC-CAP-24-041)

REQUEST FOR QUOTATION (Small Value Procurement)

LBP Leasing and Finance Corporation (LLFC) through its Bids and Awards Committee (BAC) will undertake a Small Value Procurement in accordance with Section 53.0 of the 2016 Revised Implementing Rules and Regulations of the Republic Act No. 9184.

Name of the Project	Procurement of Audio Video Conferencing Devices and Peripherals (LLFC-CAP-24-041)
Approved Budget of the Contract (ABC)	Three Hundred Sixty Thousand Pesos (PhP360,000.00)
<u>BACKGROUND</u>	
The Corporation's additional office space conferencing room lacks the necessary devices to facilitate meetings, presentations, and video conferences.	
To ensure that this room is fully functional and able to support collaboration between groups, the purchase of conferencing devices is requested. This addition will be essential for seamless communication and effective meetings in our new space.	
<u>OBJECTIVES</u>	
To acquire and install new audio visual devices to fully maximize the usage of the newly acquired office space.	
<u>SPECIFICATIONS</u>	
Projector 1 – Full Specification (15th Floor)	
Projection Technology	RGB liquid crystal shutter projection system
LCD Size	0.59" (C2Fine)
Resolution	WXGA (1280 x 800)
Projection Lens Type	Optical Zoom (Manual) / Focus (Manual)
F-Number	1.51 – 1.77
Focal Length	18.2 – 29.1mm
Zoom Ratio	1.0 – 1.62 (Optical Zoom)
Throw Ratio	1.41 – 2.26
Light Source	Laser Diode
Life(Normal/Quiet/ Extended)	20,000 / 20,000 / 30,000 hrs
Screen Size (Projected Distance)	Standard: 60" screen @ 180cm Zoom (Wide): 30" to 300" screen (88 – 909cm)
White Light Output (Normal / Eco)	4,500lm / 3,100lm
Colour Light Output	4,500lm
Contrast Ratio	Over 2,500,000 : 1
Vertical / Horizontal Keystone	±30° / ±30°
Quick Corner	Yes (Manual)
Image Noise Reduction Super-Resolution Detail Enhancement	Yes
Connectivity	

Analog Input D-Sub 15Pin	2
Composite	RCA x 1 (Yellow)
Digital Input HDMI	2 (HDCP 2.3)
Analog Output D-Sub 15Pin	1 (Black) (in common with Computer 2)
Audio Input RCA	1 (White, Red)
Stereo Mini Jack	2
Audio Output Stereo Mini Jack	1
Others USB Type A	1 (For PC Free, FW Update, Copy OSD Settings or 5V/2A Power Supply)
USB Type B	1 (For Firmware Update, Copy OSD Settings)
Mic I/O	Stereo Mini x 1
Control I/O RS-232C	D-Sub 9pin x 1
Network Wired LAN	RJ45 x 1 (100Mbps)
Wireless	Built-in and Optional (Using ELPAP11)
(Wireless LAN and Screen Mirroring)	
Supported Speed for Each Mode	Infrastructure: IEEE 802.11b (2.4GHz): 11Mbps, IEEE 802.11g (2.4GHz): 54Mbps, IEEE 802.11n (2.4GHz): 72.2Mbps, IEEE 802.11a (5GHz): 54Mbps, IEEE 802.11n (5GHz): 150Mbps, IEEE 802.11ac (5GHz): 325Mbps Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54Mbps, IEEE 802.11n (2.4GHz): 72.2Mbps, IEEE 802.11a (5GHz): 54Mbps, IEEE 802.11n (5GHz): 150Mbps, IEEE 802.11ac (5GHz): 325Mbps
Supported Mode	Infrastructure, Access Point (Wi-Fi Direct)
Wireless LAN Security	Infrastructure: OPEN, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast; Access Point (Wi-Fi Direct): WPA2-PSK (AES)
Operating Temperature	0 - 2,286 m (0 - 7,500 ft): 0 °C - 40 °C [32 °F - 104 °F] ; 20% to 80% Humidity, No Condensation Over 2,286 m (7,500 ft): 0 - 35 °C [32 °F - 95 °F] ; 20%-80% Humidity, No Condensation
Operating Altitude	Over 1,500 m / 4,921 ft, with High Altitude Mode: 0 - 3,048 m (0 - 10,000 ft)
Air Filter Type Maintenance Cycle*	Electrostatic Filter 20,000 hours
Power Supply Voltage	100 – 240 V AC ±10%, 50/60 Hz
Power Consumption (220 - 240V) Lamp On (Normal / Extended)	260W / 191W
Dimension Excluding Feet (D x W x H)	299 x 325 x 90 mm
Weight (with cable cover)	Approx. 4.2kg
Warranty	2yrs on main unit carry-in or 20,000 hours whichever comes first
Includes	Installation
Projector 2 – Full Specification (14th Floor)	
Specifications	Projection System RGB liquid crystal shutter projection system Projection Method Front/rear ceiling mount, Front/rear desktop Driving Method Polysilicon TFT Active Matrix Pixel Number 2,073,600 dots (1920 x 1080) x 3 Color Brightness¹ Color Light Output: 3,200 lumens White Brightness¹ White Light Output: 3,200 lumens Aspect Ratio 16:9 Native Resolution 1920 x 1080 (1080p) Resize 640 x 480 (VGA), 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 800 (WXGA), 1280 x 1024 (SXGA), 1400 x 1050 (SXGA+), 1440 x 900 (WXGA+), 1680 x 1050 (WSXGA+), 1600 x 1200 (UXGA), 1920 x 1200 (WUXGA) Lamp Type 214 W UHE Lamp Life³ 7,000 hours (ECO Mode)4,000 hours (Normal Mode) Throw Ratio Range 1.02 – 1.23

	<p>Size (Projected Distance) 30" to 300" (2.2 – 27.2 ft) Keystone Correction Automatic Vertical: ± 30 degrees Automatic Horizontal: ± 20 degrees Contrast Ratio Up to 10,000:1 Color Reproduction Up to 1.07 billion colors Plug 'n Play Projector is compatible with PC and Mac® computers</p>
Projection Lens	Type Optical Zoom (Manual)/ Focus (Powered) F-number 1.58 – 1.70 Focal Length 14.06 – 16.82 mm Zoom Ratio Optical zoom 1.0 – 1.2
Interfaces	1x HDMI (Supports MHL® connectivity) Computer/component video: 1x D-sub 15 pin Composite video: 1x RCA USB Type A: 1x PC-free USB and other USB Type B: 1x USB Plug 'n Play
Weight and Dimensions (W x D x H)	Including Feet 11.5" x 8.4" x 2.1" Excluding Feet 11.5" x 8.4" x 1.7" Weight 4.0 lb
Remote Control	Features Power, Source Search Selection, Computer, Video, A/V Mute, Freeze, User ID, Auto, Aspect, Color Mode, NUM, Page Up and Down, E-zoom, Volume, Help, Menu, Enter, ESC and Pointer functions Operating Angle Right/left: Front: ± 60 degrees; rear: ± 30 degrees Upper/lower: Front: ± 30 degrees; rear: ± 30 degrees Operating Distance 19.7 ft
Eco Features	RoHS compliant Recyclable product4
Other	Display Performance NTSC: 480 line PAL: 576 line (depends on observation of the multi-burst pattern) Input Signal NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM SDTV/HDTV Audio Output 1 W mono speaker Operating Temperature 41 ° to 95 °F (5 ° to 35 °C) Power Supply Voltage 100 – 240 V ±10%, 50/60 Hz Power Consumption 309 W (Normal Mode) 217 W (ECO Mode) Fan Noise 39 dB (Normal Mode) 30 dB (ECO Mode)
Warranty	2yrs on main unit and lamp is 1yr or 1000hrs whichever comes first
Includes	1 unit Projector Bracket V37 Series Maximum Length: 65 cm Swivel left and right: 30 Degree Retractable length: 43-65 cm Tilt: +/- 15 Degree Rotation: 360 Degree Rotation 1-unit White Screen Wall Screen 60" x 60" / 152 x 152 cm with ceiling-mount bracket (option to roll up and roll down) Installation, cable pulling of HDMI and electrical wiring (power outlet and power kill switch)
Audio Video Conferencing Device (14th Floor)	
General info	
Main unit dimensions (WxHxD)	650mm x 80mm x 125mm 25.6in x 3.1in x 4.9in
Main unit weight	2200g 77.6oz
Number of cameras	3
Type of camera	Panoramic multi-camera array
Camera resolution	13 megapixels
Zoom	Up to 6x lossless digital zoom
Field of view	Horizontal: 180°, Vertical: 54°

Resolution	Panoramic-4K: 3840 x 1080 @ 30fps
Intelligent Zoom	Yes
Intelligent Meeting Space	Yes
Dynamic Composition	Single-stream Dynamic Composition (BYOD + MTR + ZR), Multi-stream Dynamic Composition
Virtual Director	Yes
Vivid HDR	Yes
Speakers	2 x 2" (50mm) woofers, 2 x 3/4" (20mm) tweeters
Speaker frequency range	80Hz - 20000Hz
Number of speakers	4
Automatic Speaker Detection	Yes
Audio codecs supported	SBC
Microphone type	8 microphone beamforming array - certified for rooms up to 4.5m x 6m
Number of microphones	8
Microphone sensitivity	-37dBFS
Microphone frequency range	100Hz - 8000Hz
Connectivity	USB-A, USB-C, Ethernet (RJ45) for connection to supported management systems, Wi-Fi
Supported USB versions	USB 2.0, USB 3.0
Bluetooth Low Energy (LE audio)	Yes, for remote control and Sound+ access
Warranty	2 years
Includes	Stainless Steel Floor Mount Bracket for Audio Video Conferencing Device Installation, cable pulling and electrical wiring
15th Floor Meeting Room A	1 unit Projector Bracket V37 Series Maximum Length: 65 cm Swivel left and right: 30 Degree Retractable length: 43-65 cm Tilt: +/- 15 Degree Rotation: 360 Degree Rotation Installation, cable pulling of HDMI and electrical wiring (power outlet and power kill switch)
others	Bidders must provide sample diagrams for all rooms
Delivery Period	Fifteen (15) Calendar Days

1. Please accomplish the following:

- a.) Price Quotation Form (Annex "A") together with the supplier's official proposal/quotation
- b.) Statement of Compliance under Schedule of Requirements and Technical Specifications (Annex "B")
- c.) Original and notarized Omnibus Sworn Statement (Annex "C")

Submit in a sealed envelope to LBP Leasing and Finance Corporation office located at 15th Floor, SyCip Law Centre Bldg, #105 Paseo de Roxas St., Makati City **on or before December 19, 2024, 12:00NN** together with the **Certified True Copies** of the following **Eligibility documents**:

- a.) Valid and current year Mayor's Permit
- b.) Valid and current PhilGEPS Registration Number
- c.) DTI/SEC Registration (for Partnership/Corporation)
- d.) Latest Tax Clearance per E.O. 398, series of 2005

2. All quotations must include all applicable taxes and shall be valid for a period of thirty (30) calendar days from the deadline of submission of quotations. Quotations received in excess of the approved budget shall be automatically rejected.

3. Liquidated damages equivalent to one tenth (1/10) of the one percent (1%) of the value of Purchase Order not completed within the prescribed completion period shall be imposed per day to day of delay. LLFC may rescind the agreement once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of purchase order, without prejudice to other courses of action and remedies open to it.
4. The project shall be awarded to the proponent determined to have submitted the complete and lowest quotation including compliance to the Schedule of Requirements and Eligibility documents.
5. The prospective bidder shall be a Filipino citizen/sole proprietorship/partnership/Corporation duly organized under the laws of the Philippines.
6. LLFC reserves the right to reject any or all quotations at any time prior to award of the project without thereby incurring any liability to the affected proponents and to waive any minor defects therein to accept the quotation as may be considered more advantageous to the Government.
7. Terms of payment shall be within thirty (30) calendar days from date of acceptance. The procurement of LLFC is subject to a final VAT withholding of five percent (5%) in addition to the applicable withholding tax.

For further information, please visit LBP Leasing and Finance Corporation office or contact the BAC Secretariat Ms. Jose Emmanuel I. Guerrero at telephone number 8818-2200 loc. 231 or send e-mail to procurement@lbpleasing.com

Date of issue: 13 December 2024

(Sgd.)

MS. RIZA M. HERNANDEZ

CHAIRPERSON

BIDS AND AWARDS COMMITTEE

**TERMS OF REFERENCE
FOR LBP LEASING AND FINANCE CORPORATION**

ANNEX A

PROJECT NAME	:	Procurement of Audio Video Conferencing Devices
APPROVED BUDGET FOR THE CONTRACT	:	Three Hundred Sixty Thousand Pesos (Php 360,000.00) inclusive of all applicable taxes
MODE OF PROCUREMENT	:	Small Value Procurement

I. BACKGROUND

The Corporation's additional office space conferencing room lacks the necessary devices to facilitate meetings, presentations, and video conferences.

To ensure that this room is fully functional and able to support collaboration between groups, the purchase of conferencing devices is requested. This addition will be essential for seamless communication and effective meetings in our new space.

II. SCOPE OF WORK

Projector 1 – Full Specification (15th Floor)	
Projection Technology	RGB liquid crystal shutter projection system
LCD Size	0.59" (C2Fine)
Resolution	WXGA (1280 x 800)
Projection Lens Type	Optical Zoom (Manual) / Focus (Manual)
F-Number	1.51 – 1.77
Focal Length	18.2 – 29.1mm
Zoom Ratio	1.0 – 1.62 (Optical Zoom)
Throw Ratio	1.41 – 2.26
Light Source	Laser Diode
Life(Normal/Quiet/ Extended)	20,000 / 20,000 / 30,000 hrs
Screen Size (Projected Distance)	Standard: 60" screen @ 180cm Zoom (Wide): 30" to 300" screen (88 – 909cm)
White Light Output (Normal / Eco)	4,500lm / 3,100lm
Colour Light Output	4,500lm
Contrast Ratio	Over 2,500,000 : 1
Vertical / Horizontal Keystone	±30° / ±30°
Quick Corner	Yes (Manual)
Image Noise Reduction Super-Resolution Detail Enhancement	Yes
Connectivity	
Analog Input D-Sub 15Pin	2
Composite	RCA x 1 (Yellow)
Digital Input HDMI	2 (HDCP 2.3)
Analog Output D-Sub 15Pin	1 (Black) (in common with Computer 2)
Audio Input RCA	1 (White, Red)
Stereo Mini Jack	2
Audio Output Stereo Mini Jack	1
Others USB Type A	1 (For PC Free, FW Update, Copy OSD Settings or 5V/2A Power Supply)
USB Type B	1 (For Firmware Update, Copy OSD Settings)
Mic I/O	Stereo Mini x 1
Control I/O RS-232C	D-Sub 9pin x 1
Network Wired LAN	RJ45 x 1 (100Mbps)
Wireless	Built-in and Optional (Using ELPAP11)

TERMS OF REFERENCE

ANNEX A

FOR LBP LEASING AND FINANCE CORPORATION

(Wireless LAN and Screen Mirroring)	
Supported Speed for Each Mode	Infrastructure: IEEE 802.11b (2.4GHz): 11Mbps, IEEE 802.11g (2.4GHz): 54Mbps, IEEE 802.11n (2.4GHz): 72.2Mbps, IEEE 802.11a (5GHz): 54Mbps, IEEE 802.11n (5GHz): 150Mbps, IEEE 802.11ac (5GHz): 325Mbps Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54Mbps, IEEE 802.11n (2.4GHz): 72.2Mbps, IEEE 802.11a (5GHz): 54Mbps, IEEE 802.11n (5GHz): 150Mbps, IEEE 802.11ac (5GHz): 325Mbps
Supported Mode	Infrastructure, Access Point (Wi-Fi Direct)
Wireless LAN Security	Infrastructure: OPEN, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast; Access Point (Wi-Fi Direct): WPA2-PSK (AES)
Operating Temperature	0 - 2,286 m (0 - 7,500 ft): 0 °C - 40 °C [32 °F - 104 °F] ; 20% to 80% Humidity, No Condensation Over 2,286 m (7,500 ft): 0 - 35 °C [32 °F - 95 °F] ; 20%-80% Humidity, No Condensation
Operating Altitude	Over 1,500 m / 4,921 ft, with High Altitude Mode: 0 - 3,048 m (0 - 10,000 ft)
Air Filter Type	Electrostatic Filter
Maintenance Cycle*	20,000 hours
Power Supply Voltage	100 – 240 V AC ±10%, 50/60 Hz
Power Consumption (220 - 240V)	260W / 191W
Lamp On (Normal / Extended)	
Dimension Excluding Feet (D x W x H)	299 x 325 x 90 mm
Weight (with cable cover)	Approx. 4.2kg
Warranty	2yrs on main unit carry-in or 20,000 hours whichever comes first
Includes	Installation
Projector 2 – Full Specification (14th Floor)	
Specifications	Projection System RGB liquid crystal shutter projection system Projection Method Front/rear ceiling mount, Front/rear desktop Driving Method Polysilicon TFT Active Matrix Pixel Number 2,073,600 dots (1920 x 1080) x 3 Color Brightness¹ Color Light Output: 3,200 lumens White Brightness¹ White Light Output: 3,200 lumens Aspect Ratio 16:9 Native Resolution 1920 x 1080 (1080p) Resize 640 x 480 (VGA), 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 800 (WXGA), 1280 x 1024 (SXGA), 1400 x 1050 (SXGA+), 1440 x 900 (WXGA+), 1680 x 1050 (WSXGA+), 1600 x 1200 (UXGA), 1920 x 1200 (WUXGA) Lamp Type 214 W UHE Lamp Life³ 7,000 hours (ECO Mode) 4,000 hours (Normal Mode) Throw Ratio Range 1.02 – 1.23 Size (Projected Distance) 30" to 300" (2.2 – 27.2 ft) Keystone Correction Automatic Vertical: ± 30 degrees Automatic Horizontal: ± 20 degrees Contrast Ratio Up to 10,000:1 Color Reproduction Up to 1.07 billion colors Plug 'n Play Projector is compatible with PC and Mac® computers
Projection Lens	Type Optical Zoom (Manual)/ Focus (Powered) F-number 1.58 – 1.70 Focal Length 14.06 – 16.82 mm Zoom Ratio Optical zoom 1.0 – 1.2
Interfaces	1x HDMI (Supports MHL® connectivity) Computer/component video: 1x D-sub 15 pin

**TERMS OF REFERENCE
FOR LBP LEASING AND FINANCE CORPORATION**

ANNEX A

	Composite video: 1x RCA USB Type A: 1x PC-free USB and other USB Type B: 1x USB Plug 'n Play
Weight and Dimensions (W x D x H)	Including Feet 11.5" x 8.4" x 2.1" Excluding Feet 11.5" x 8.4" x 1.7" Weight 4.0 lb
Remote Control	Features Power, Source Search Selection, Computer, Video, A/V Mute, Freeze, User ID, Auto, Aspect, Color Mode, NUM, Page Up and Down, E-zoom, Volume, Help, Menu, Enter, ESC and Pointer functions Operating Angle Right/left: Front: ± 60 degrees; rear: ± 30 degrees Upper/lower: Front: ± 30 degrees; rear: ± 30 degrees Operating Distance 19.7 ft
Eco Features	RoHS compliant Recyclable product4
Other	Display Performance NTSC: 480 line PAL: 576 line(depends on observation of the multi-burst pattern) Input Signal NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM SDTV/HDTV Audio Output 1 W mono speaker Operating Temperature 41 ° to 95 °F (5 ° to 35 °C) Power Supply Voltage 100 – 240 V ±10%, 50/60 Hz Power Consumption 309 W (Normal Mode) 217 W (ECO Mode) Fan Noise 39 dB (Normal Mode)30 dB (ECO Mode)
Warranty	2yrs on main unit and lamp is 1yr or 1000hrs whichever comes first
Includes	1 unit Projector Bracket V37 Series Maximum Length: 65 cm Swivel left and right: 30 Degree Retractable length: 43-65 cm Tilt: +/- 15 Degree Rotation: 360 Degree Rotation 1-unit White Screen Wall Screen 60" x 60" / 152 x 152 cm with ceiling-mount bracket (option to roll up and roll down) Installation, cable pulling of HDMI and electrical wiring (power outlet and power kill switch)
Audio Video Conferencing Device (14th Floor)	
General info	
Main unit dimensions (WxHxD)	650mm x 80mm x 125mm 25.6in x 3.1in x 4.9in
Main unit weight	2200g 77.6oz
Number of cameras	3
Type of camera	Panoramic multi-camera array
Camera resolution	13 megapixels
Zoom	Up to 6x lossless digital zoom
Field of view	Horizontal: 180°, Vertical: 54°
Resolution	Panoramic-4K: 3840 x 1080 @ 30fps
Intelligent Zoom	Yes
Intelligent Meeting Space	Yes
Dynamic Composition	Single-stream Dynamic Composition (BYOD + MTR + ZR), Multi-stream Dynamic Composition
Virtual Director	Yes
Vivid HDR	Yes
Speakers	2 x 2" (50mm) woofers, 2 x 3/4" (20mm) tweeters
Speaker frequency range	80Hz - 20000Hz
Number of speakers	4
Automatic Speaker Detection	Yes

TERMS OF REFERENCE

ANNEX A

FOR LBP LEASING AND FINANCE CORPORATION

Audio codecs supported	SBC
Microphone type	8 microphone beamforming array - certified for rooms up to 4.5m x 6m
Number of microphones	8
Microphone sensitivity	-37dBFS
Microphone frequency range	100Hz - 8000Hz
Connectivity	USB-A, USB-C, Ethernet (RJ45) for connection to supported management systems, Wi-Fi
Supported USB versions	USB 2.0, USB 3.0
Bluetooth Low Energy (LE audio)	Yes, for remote control and Sound+ access
Warranty	2 years
Includes	Stainless Steel Floor Mount Bracket for Audio Video Conferencing Device Installation, cable pulling and electrical wiring
15th Floor Meeting Room A	1 unit Projector Bracket V37 Series Maximum Length: 65 cm Swivel left and right: 30 Degree Retractable length: 43-65 cm Tilt: +/- 15 Degree Rotation: 360 Degree Rotation Installation, cable pulling of HDMI and electrical wiring (power outlet and power kill switch)
others	Bidders must provide sample diagrams for all rooms

III. DELIVERABLES

All units shall be delivered and installed not later than fifteen (15) calendar days upon issuance of Purchase Order.

IV. CONTRACT PAYMENT SCHEME

The supplier will be paid within 30 days upon receipt of invoice.

V. DATA PRIVACY ACT

The supplier must comply with the requirements of the Data Privacy Act.

Price Quotation Form

Date:

MS. RIZA M. HERNANDEZ

Chairperson, Bids and Awards Committee
 LBP Leasing and Finance Corporation (LLFC)
 15th Flr., Sycip Law Center, #105 Paseo de Roxas St.,
 Makati City

Dear **Ms. Hernandez**:

After having carefully read and accepted the terms and conditions in the Request for Quotation (RFQ), hereunder is our quotation/s for the item/s as follows:

Description/ Specifications:	Qty.	Unit Price (P)	Total Price (P)
(In details)			
Amount in Words: _____ _____			
Warranty			

The above-quoted prices are inclusive of all costs and applicable taxes. Delivery to **LBP Leasing and Finance Corporation** shall be within fifteen (15) calendar days upon receipt of Purchase Order (P.O.) and Notice to Proceed.

Very truly yours,

 Printed Name over Signature of Authorized Representative

 Name of Company

 Contact No./s

***Please submit all the required eligibility documents together with the Annexes "A, B and C"**

Schedule of Requirements and Eligibility Requirements

Bidders must state “Comply” in the column “Statement of Compliance” against each of the individual parameters.

Requirements		Statement of Compliance
Projector 1 – Full Specification (15th Floor)	Projection Technology	RGB liquid crystal shutter projection system
	LCD Size	0.59” (C2Fine)
	Resolution	WXGA (1280 x 800)
	Projection Lens Type	Optical Zoom (Manual) / Focus (Manual)
	F-Number	1.51 – 1.77
	Focal Length	18.2 – 29.1mm
	Zoom Ratio	1.0 – 1.62 (Optical Zoom)
	Throw Ratio	1.41 – 2.26
	Light Source	Laser Diode
	Life(Normal/Quiet/Extended)	20,000 / 20,000 / 30,000 hrs
	Screen Size (Projected Distance)	Standard: 60” screen @ 180cm Zoom (Wide): 30” to 300” screen (88 – 909cm)
	White Light Output (Normal / Eco)	4,500lm / 3,100lm
	Colour Light Output	4,500lm
	Contrast Ratio	Over 2,500,000 : 1
	Vertical / Horizontal Keystone	±30° / ±30°
	Quick Corner	Yes (Manual)
	Image Noise Reduction Super-Resolution Detail Enhancement	Yes
	Connectivity	
	Analog Input D-Sub 15Pin	2
	Composite	RCA x 1 (Yellow)
	Digital Input HDMI	2 (HDCP 2.3)
	Analog Output D-Sub 15Pin	1 (Black) (in common with Computer 2)
	Audio Input RCA	1 (White, Red)
	Stereo Mini Jack	2
	Audio Output Stereo Mini Jack	1
	Others USB Type A	1 (For PC Free, FW Update, Copy OSD Settings or 5V/2A Power Supply)
	USB Type B	1 (For Firmware Update, Copy OSD Settings)
	Mic I/O	Stereo Mini x 1
	Control I/O RS-232C	D-Sub 9pin x 1
	Network Wired LAN	RJ45 x 1 (100Mbps)
	Wireless	Built-in and Optional (Using ELPAP11)
	(Wireless LAN and Screen Mirroring)	
Supported Speed for Each Mode	Infrastructure: IEEE 802.11b (2.4GHz): 11Mbps, IEEE 802.11g (2.4GHz): 54Mbps, IEEE 802.11n (2.4GHz): 72.2Mbps, IEEE 802.11a (5GHz): 54Mbps, IEEE 802.11n (5GHz): 150Mbps, IEEE 802.11ac (5GHz): 325Mbps Access Point (Wi-Fi Direct): IEEE 802.11g (2.4GHz): 54Mbps, IEEE 802.11n (2.4GHz): 72.2Mbps, IEEE 802.11a (5GHz): 54Mbps, IEEE 802.11n (5GHz): 150Mbps, IEEE 802.11ac (5GHz): 325Mbps	
Supported Mode	Infrastructure, Access Point (Wi-Fi Direct)	
Wireless LAN Security	Infrastructure: OPEN, WPA2 / WPA3-PSK, WPA2 / WPA3-EAP Supported EAP Type: PEAP, PEAP-TLS, EAP-TLS, EAP-Fast; Access Point (Wi-Fi Direct): WPA2-PSK (AES)	
Operating Temperature	0 - 2,286 m (0 - 7,500 ft): 0 °C - 40 °C [32 °F - 104 °F] ; 20% to 80% Humidity, No Condensation Over 2,286 m (7,500 ft): 0 - 35 °C [32 °F - 95 °F] ; 20%-80% Humidity, No Condensation	

Annex "B"

	Operating Altitude Air Filter Type Maintenance Cycle* Power Supply Voltage Power Consumption (220 - 240V) Lamp On (Normal / Extended) Dimension Excluding Feet (D x W x H) Weight (with cable cover) Warranty Includes	Over 1,500 m / 4,921 ft, with High Altitude Mode: 0 - 3,048 m (0 - 10,000 ft) Electrostatic Filter 20,000 hours 100 – 240 V AC ±10%, 50/60 Hz 260W / 191W 299 x 325 x 90 mm Approx. 4.2kg 2yrs on main unit carry-in or 20,000 hours whichever comes first Installation	
Projector 2 – Full Specification (14th Floor)	Specifications	<p> Projection System RGB liquid crystal shutter projection system Projection Method Front/rear ceiling mount, Front/rear desktop Driving Method Polysilicon TFT Active Matrix Pixel Number 2,073,600 dots (1920 x 1080) x 3 Color Brightness¹ Color Light Output: 3,200 lumens White Brightness¹ White Light Output: 3,200 lumens Aspect Ratio 16:9 Native Resolution 1920 x 1080 (1080p) Resize 640 x 480 (VGA), 800 x 600 (SVGA), 1024 x 768 (XGA), 1280 x 800 (WXGA), 1280 x 1024 (SXGA), 1400 x 1050 (SXGA+), 1440 x 900 (WXGA+), 1680 x 1050 (WSXGA+), 1600 x 1200 (UXGA), 1920 x 1200 (WUXGA) Lamp Type 214 W UHE Lamp Life³ 7,000 hours (ECO Mode) 4,000 hours (Normal Mode) Throw Ratio Range 1.02 – 1.23 Size (Projected Distance) 30" to 300" (2.2 – 27.2 ft) Keystone Correction Automatic Vertical: ± 30 degrees Automatic Horizontal: ± 20 degrees Contrast Ratio Up to 10,000:1 Color Reproduction Up to 1.07 billion colors Plug 'n Play Projector is compatible with PC and Mac® computers </p> <p> Projection Lens Type Optical Zoom (Manual)/ Focus (Powered) F-number 1.58 – 1.70 Focal Length 14.06 – 16.82 mm Zoom Ratio Optical zoom 1.0 – 1.2 </p> <p> Interfaces 1x HDMI (Supports MHL® connectivity) Computer/component video: 1x D-sub 15 pin Composite video: 1x RCA USB Type A: 1x PC-free USB and other USB Type B: 1x USB Plug 'n Play </p> <p> Weight and Dimensions (W x D x H) Including Feet 11.5" x 8.4" x 2.1" Excluding Feet 11.5" x 8.4" x 1.7" Weight 4.0 lb </p> <p> Remote Control Features Power, Source Search Selection, Computer, Video, A/V Mute, Freeze, User ID, Auto, Aspect, Color Mode, NUM, Page Up and Down, E-zoom, Volume, Help, Menu, Enter, ESC and Pointer functions Operating Angle Right/left: Front: ± 60 degrees; rear: ± 30 degrees Upper/lower: Front: ± 30 degrees; rear: ± 30 degrees Operating Distance 19.7 ft </p> <p> Eco Features RoHS compliant Recyclable product⁴ </p> <p> Other Display Performance NTSC: 480 line PAL: 576 line (depends on observation of the multi-burst pattern) Input Signal NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM SDTV/HDTV Audio Output 1 W mono speaker Operating Temperature 41 ° to 95 °F (5 ° to 35 °C) Power Supply Voltage 100 – 240 V ±10%, 50/60 Hz Power Consumption 309 W (Normal Mode) </p>	

Annex “B”

		217 W (ECO Mode) Fan Noise 39 dB (Normal Mode)30 dB (ECO Mode)	
	Warranty	2yrs on main unit and lamp is 1yr or 1000hrs whichever comes first	
	Includes	1 unit Projector Bracket V37 Series Maximum Length: 65 cm Swivel left and right: 30 Degree Retractable length: 43-65 cm Tilt: +/- 15 Degree Rotation: 360 Degree Rotation 1-unit White Screen Wall Screen 60" x 60" / 152 x 152 cm with ceiling-mount bracket (option to roll up and roll down) Installation, cable pulling of HDMI and electrical wiring (power outlet and power kill switch)	
Audio Conferencing Device (14th Floor)	General info		
	Main unit dimensions (WxHxD)	650mm x 80mm x 125mm 25.6in x 3.1in x 4.9in	
	Main unit weight	2200g 77.6oz	
	Number of cameras	3	
	Type of camera	Panoramic multi-camera array	
	Camera resolution	13 megapixels	
	Zoom	Up to 6x lossless digital zoom	
	Field of view	Horizontal: 180°, Vertical: 54°	
	Resolution	Panoramic-4K: 3840 x 1080 @ 30fps	
	Intelligent Zoom	Yes	
	Intelligent Meeting Space	Yes	
	Dynamic Composition	Single-stream Dynamic Composition (BYOD + MTR + ZR), Multi-streamDynamic Composition	
	Virtual Director	Yes	
	Vivid HDR	Yes	
	Speakers	2 x 2" (50mm) woofers, 2 x 3/4" (20mm) tweeters	
	Speaker frequency range	80Hz - 20000Hz	
	Number of speakers	4	
	Automatic Speaker Detection	Yes	
	Audio codecs supported	SBC	
	Microphone type	8 microphone beamforming array - certified for rooms up to 4.5m x 6m	
	Number of microphones	8	
	Microphone sensitivity	-37dBFS	
	Microphone frequency range	100Hz - 8000Hz	
	Connectivity	USB-A, USB-C, Ethernet (RJ45) for connection to supported management systems, Wi-Fi	
	Supported USB versions	USB 2.0, USB 3.0	
	Bluetooth Low Energy (LE audio)	Yes, for remote control and Sound+ access	
	Warranty	2 years	
Includes	Stainless Steel Floor Mount Bracket for Audio Video Conferencing Device Installation, cable pulling and electrical wiring		
15th Floor Meeting Room A	1 unit Projector Bracket V37 Series Maximum Length: 65 cm Swivel left and right: 30 Degree Retractable length: 43-65 cm Tilt: +/- 15 Degree Rotation: 360 Degree Rotation Installation, cable pulling of HDMI and electrical wiring (power outlet and power kill switch)		
others	Bidders must provide sample diagrams for all rooms		
Delivery Period	Fifteen (15) Calendar Days		
	Eligibility Requirements (Certified True Copies only) :		
	1. Valid and Current Year Mayor's Permit		
	2. Valid and Current PhilGEPS Registration Number		
	3. DTI / SEC Registration (for Partnership / Corporations)		
	4. Latest Tax Clearance per E.O. 398, series of 2005		
	5. Notarized Omnibus Sworn Statement (Annex C)		

Annex “B”

I hereby certify to comply and deliver all the above Schedule of Requirements.

**Name of Company
/Bidder**

**Signature over Printed Name of
Authorized Representative**

Date

Omnibus Sworn Statement

REPUBLIC OF THE PHILIPPINES)
 CITY/MUNICIPALITY OF _____) S.S.

AFFIDAVIT

I, *[Name of Affiant]*, of legal age, *[Civil Status]*, *[Nationality]*, and residing at *[Address of Affiant]*, after having been duly sworn in accordance with law, do hereby depose and state that:

1. *Select one, delete the other:*

If a sole proprietorship: I am the sole proprietor or authorized representative of *[Name of Bidder]* with office address at *[address of Bidder]*;

If a partnership, corporation, cooperative, or joint venture: I am the duly authorized and designated representative of *[Name of Bidder]* with office address at *[address of Bidder]*;

2. *Select one, delete the other:*

If a sole proprietorship: As the owner and sole proprietor, or authorized representative of *[Name of Bidder]*, I have full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Name of the Project]* of the *[Name of the Procuring Entity]*, as shown in the attached duly notarized *Special Power of Attorney*;

If a partnership, corporation, cooperative, or joint venture: I am granted full power and authority to do, execute and perform any and all acts necessary to participate, submit the bid, and to sign and execute the ensuing contract for *[Name of the Project]* of the *[Name of the Procuring Entity]*, as shown in the attached *[state title of attached document showing proof of authorization (e.g., duly notarized Secretary's Certificate, Board/Partnership Resolution, or Special Power of Attorney, whichever is applicable);]*;

3. *[Name of Bidder]* is not "blacklisted" or barred from bidding by the Government of the Philippines or any of its agencies, offices, corporations, or Local Government Units, foreign government/foreign or international financing institution whose blacklisting rules have been recognized by the Government Procurement Policy Board;
4. Each of the documents submitted in satisfaction of the bidding requirements is an authentic copy of the original, complete, and all statements and information provided therein are true and correct;
5. *[Name of Bidder]* is authorizing the Head of the Procuring Entity or its duly authorized representative(s) to verify all the documents submitted;

6. *Select one, delete the rest:*

If a sole proprietorship: The owner or sole proprietor is not related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a partnership or cooperative: None of the officers and members of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

If a corporation or joint venture: None of the officers, directors, and controlling stockholders of *[Name of Bidder]* is related to the Head of the Procuring Entity, members of the Bids and Awards Committee (BAC), the Technical Working Group, and the BAC Secretariat, the head of the Project Management Office or the end-user unit, and the project consultants by consanguinity or affinity up to the third civil degree;

7. *[Name of Bidder]* complies with existing labor laws and standards; and

8. *[Name of Bidder]* is aware of and has undertaken the following responsibilities as a Bidder:

- a) Carefully examine all of the Bidding Documents;
- b) Acknowledge all conditions, local or otherwise, affecting the implementation of the Contract;
- c) Made an estimate of the facilities available and needed for the contract to be bid, if any; and
- d) Inquire or secure Supplemental/Bid Bulletin(s) issued for the *[Name of the Project]*.

9. *[Name of Bidder]* did not give or pay directly or indirectly, any commission, amount, fee, or any form of consideration, pecuniary or otherwise, to any person or official, personnel or representative of the government in relation to any procurement project or activity.

IN WITNESS WHEREOF, I have hereunto set my hand this ___ day of ___, 20__ at _____, Philippines.

Bidder's Representative/Authorized Signatory

SUBSCRIBED AND SWORN to before me this ____ day of *[month]* *[year]* at *[place of execution]*, Philippines. Affiant/s is/are personally known to me and was/were identified by me through competent evidence of identity as defined in the 2004 Rules on Notarial Practice (A.M. No. 02-8-13-SC). Affiant/s exhibited to me his/her *[insert type of government identification card used]*, with his/her photograph and signature appearing thereon, with no. _____ and his/her Community Tax Certificate No. _____ issued on ____ at _____.

Witness my hand and seal this ____ day of *[month]* *[year]*.

NAME OF NOTARY PUBLIC

Serial No. of Commission _____

Notary Public for _____ until _____

Roll of Attorneys No. _____

PTR No. _____ *[date issued]*, *[place issued]*

IBP No. _____ *[date issued]*, *[place issued]*

Doc. No. _____

Page No. _____

Book No. _____

Series of _____

* This form will not apply for WB funded projects.