



Republic of the Philippines
NATIONAL PRIVACY COMMISSION

REQUEST FOR QUOTATION

PROCUREMENT OF VIDEO CONFERENCE SYSTEM

23 December 2020

NOTICE TO ALL PROVIDERS/SUPPLIERS:

The National Privacy Commission intends to procure **video conference system**.

As such, providers or suppliers of known qualifications are hereby invited to submit their quotations/price proposals signed by their authorized representative not later than **4:00 P.M., 28 December 2020**.

The service providers/suppliers must also submit the following requirements:

1. Mayor's Permit issued by the city or municipality where the principal place of business of the prospective bidder is located;
2. PhilGEPS Registration Number;
3. Notarized Omnibus Sworn Statement; and
4. Manifestation of compliance to the attached technical specification signed by your authorized representative.

Please submit your quotation together with the required documents via e-mail to bacsecretariat@privacy.gov.ph or via mail or courier in a sealed envelope to:

5th Floor, Ang Kiukok Hall,
PICC Delegation Building, PICC Complex,
Roxas Boulevard Manila 1307

Attention to: ATTY. KRISHNA AIRA TANA-CAGUIA
BAC Secretariat Head

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BAC Secretariat Head
National Privacy Commission
(02) 8234-2228 loc. 127



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TECHNICAL SPECIFICATION

Quantity	Unit	Description/Specifications	Approved Budget of the Contract (Php 225,000.00)		Compliance (Manifest your compliance by writing "COMPLY" in every item)
			Unit Price	Total	
1	lot	NOTE: Please refer to the attached Terms of Reference for: 1. Technical Specifications 2. Instructions to Vendors/Vendors' Qualifications 3. Evaluation Process 4. Payment Terms			
TOTAL					

Instruction to bidders:

- I. All prices shall be VAT inclusive.
- II. All quotations shall be written with the company's letterhead.
- III. Compliance must be stated by writing "Comply" to each requirement mentioned above.
- IV. Present the original Mayor's Permit upon the scheduled signing of Notice of Award for inspection.
- V. Acknowledgement of the Notice of Award shall be within five (5) days from its issuance.
- VI. Payment shall be through send bill arrangement upon issuance of the Certification of Completion and Acceptance.
- VII. Delivery shall be made to NPC Office at 5F Delegation Building, PICC Complex, Pasay City.

CONFORME: _____
 (Name of Supplier/Provider/Date)

BY: _____
 (Name/Position/Signature of Representative/Date)



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VIDEO CONFERENCE SYSTEM



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TERMS OF REFERENCE

I. BACKGROUND

The National Privacy Commission (NPC) is tasked to inform and educate the public about data privacy, data protection, and fair information rights and responsibilities, as provided in Section 9.c of the Implementing Rules and Regulations of R.A. 10173 or the Data Privacy Act of 2012. In this regard, this Video Conferencing System will be used for teleconferencing in the NPC.

II. PURPOSE

The purpose of the Video Conferencing System is to provide a high-quality teleconferencing during meetings and e-hearings.

III. TECHNICAL SPECIFICATIONS

Items	Quantity	Minimum Requirements	
Video Conferencing Endpoint	1	Protocols / Standard	SIP RFC3261, BFCP, TIP, RTP/RTCP, HTTP/HTTPS, ARP, ICMP, DNS (A record, SRV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, LLDP-MED, LDAP, TR-069 (pending), 802.1x, TLS, SRTP, TCP/IP/UDP, IPv6, H.323
		Camera	1/2.3", 16 Megapixel CMOS, 4K (2160p) Output
		Lens	90° field of view, ePTZ
		Network Interface	1× RJ4510/ 100/ 1000 Mbps
		WiFi	Integrated dual-band 802.11 a/b/g/n/ac (2.4GHz & 5GHz)



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	Bluetooth	Integrated Bluetooth 4.0 + EDR
	Video Outputs	2x HDMI 1.4 up to 4K (2160p) with CEC
	Video Input	1x HDMI 1.4 with resolution up to 1080p
	MIC/Speaker	Built-in 4x MIC array
	Remote Control	Bluetooth and infrared remote control with multi-touch touchpad
	Auxiliary Ports	2x USB 2.0, micro-SD, Reset
	Voice Codecs	Support for G.711μ/a, G.722 (wide-band), iLBC, Opus , G.722.1, G.722.1c ,G729A/B, in-band and out-of-band DTMF (In audio, RFC2833, SIP INFO)
	Video Codecs	HEVC(H.265) and H.264 BP/MP/HP, video resolution up to 4K (2160p), frame rate up to 30 fps, bitrate up to 16Mbps
	Video Resolutions	4K (2160p@30fps) from 4096Kbps, 1080p@30fps from 1024Kbps, 720p@30fps from 512 Kbps, 4SIF/4CIF from 128 Kbps, SIF/CIF from 64 Kbps
	4K Capability	Yes
	Content Resolutions (screen sharing)	Input: VGA, SVGA, XGA, 1280×600, WXGA, WXGA, SXGA, 1440×900, XGA+, 720p, 1600×1200, 1080p (HDMI), up to 60fps Encoding: 800×600, 1024×768, 1280×1024, 1280×720, 1920×1080 Output: 720p, 1080p
	Dual-Stream	BFCP, video resolution (up to 4K 2160p@30fps) + content resolution (up to 1080p@15fps)



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	Audio Features	AEC, ANS, AGC, Noise Shield, PLC, CNG/VAD
	Video Features	FEC, dynamic display layout, picture-in-picture, picture-outside-picture, digital caption
	Telephony Features	Hold, forward (unconditional/no-answer/busy), downloadable phone book (XML, LDAP), call waiting, call history, flexible dial plan, personalized music ringtones, server redundancy & fail-over
	Sample Applications	Skype, Google Hangouts, Microsoft Lync, Web browser, Adobe Flash, Facebook, Twitter, YouTube, Google calendar, mobile phone data import/export via Bluetooth, etc. API/SDK available for advanced custom application development
	Applications Deployment	Allow various Android operation system 6.0 compliant applications to be developed, downloaded and run in the embedded device with provisioning control
	QoS	Layer 2 QoS (802.1Q, 802.1p) and Layer 3 (ToS, DiffServ, MPLS) QoS
	Security	User and administrator level passwords, MD5 and MD5-ess based authentication, 256-bit AES encrypted configuration file, TLS, 128/256-bit SRTP, HTTPS, 802.1x media access control
	Multi-Language	English, German, Italian, French, Spanish, Portuguese, Russian, Turkish, Polish,



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			Chinese, Korean, Japanese, and more
		Upgrade/Provisioning	Firmware upgrade via TFTP / HTTP / HTTPS or local HTTP upload, mass provisioning using AES encrypted XML configuration file
		Power & Green Energy Efficiency	Input: 100~240Vac 50/60hz; output: 12V/2A 24W
		Package Content	remote control, 4 AAA batteries, universal power supply, network cable (1.5 meters), 2 HDMI cables (1.5-meter and 5-meter), lens cleaning cloth, mounting kit, quick installation guide, GPL license
		Dimensions and Weight	80mm (H) x 46.5mm (W) x 270mm (L)
		Temperature and Humidity	Operation: 0°C to 40°C, Storage: -10°C to 60°C, Humidity: 10% to 90% Non-condensing
		Compliance	FCC: FCC Part 15B; FCC Part 15C; FCC Part 15E; UL 60950 (power adapter) CE: EN 55032; EN 55024; EN 61000-3-2; EN 61000-3-3; EN 60950-1; EN 301 489-1/17;EN 300 328; EN 301 893; EN 62311; EN 62479; RoHS RCM: AS/NZS CISPR 32/24; AS/NZS 60950.1; AS/NZS 4268; ANATEL
IP PBX appliance	1	Analog Telephone FXS Ports	2 ports (both with lifeline capability in case of power outage)
		Network Interfaces	Dual Gigabit RJ45 ports with integrated PoE Plus (IEEE 802.3at-2009)



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	NAT Router	Yes (supports router mode and switch mode)
	Peripheral Ports	USB, SD
	LED Indicators	Power/Ready, Network, PSTN Line, USB, SD
	LCD Display	128x32 graphic LCD with DOWN & OK button
	Reset Switch	Yes
	Voice-over-Packet Capabilities	LEC with NLP Packetized Voice Protocol Unit, 128ms-tail-length carrier grade Line Echo Cancellation, Dynamic Jitter Buffer, Modem detection & auto-switch to G.711
	Voice and Fax Codecs	G.711 A-law/U-law, G.722, G.723.1 5.3K/6.3K, G.726, G.729A/B, iLBC, GSM, AAL2-G.726-32, ADPCM; T.38
	Video Codecs	H.264, H.263, H263+
	QoS	Layer 3 QoS, Layer 2 QoS
	DTMF Methods	In Audio, RFC2833, and SIP INFO
	Network Protocols	TCP/UDP/IP, RTP/RTCP, ICMP, ARP, DNS, DDNS, DHCP, NTP, TFTP, SSH, HTTP/HTTPS, PPPoE, SIP (RFC3261), STUN, SRTP, TLS, LDAP
	Disconnect Methods	Call Progress Tone, Polarity Reversal, Hook Flash Timing, Loop Current Disconnect, Busy Tone
	Media Encryption	SRTP, TLS, HTTPS, SSH
	Universal Power Supply	Output: 12VDC, 1.5A; Input: 100 ~ 240VAC, 50 ~ 60Hz
	Environmental	Operating: 32 ~ 104°F / 0 ~ 40°C, 10 ~ 90% (non-condensing); Storage: 14 ~ 140°F / -10 ~ 60°C
	Multi-Language Support	English/Simplified Chinese/Traditional Chinese/Spanish/French/Portuguese/German/Russian/Italian/Polish/Czech for Web UI; Customizable IVR/voice prompts for English, Chinese, British English, German, Spanish, Greek, French, Italian, Dutch, Polish, Portuguese, Russian, Swedish, Turkish, Hebrew, Arabic;



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		Customizable language pack to support any other languages
Caller ID		Bellcore/Telcordia, ETSI-FSK, ETSI-DTMF, SIN 227 - BT
Polarity Reversal/Wink		Yes, with enable/disable option upon call establishment and termination
Call Center		Multiple configurable call queues, automatic call distribution (ACD) based on agent skills/availability/busy level, in-queue announcement
Customizable Auto Attendant		Up to 5 layers of IVR (Interactive Voice Response)
Call Features		Call park, call forward, call transfer, DND, ring/hunt group, paging/intercom etc.
Compliance		FCC: Part 15 (CFR 47) Class B, Part 68 CE: EN55022 Class B, EN55024, EN61000-3-2, EN61000-3-3, EN60950-1, TBR21, RoHS A-TICK: AS/NZS CISPR 22 Class B, AS/NZS CISPR 24, AS/NZS 60950, AS/ACIF S002 ITU-T K.21 (Basic Level); UL 60950 (power adapter)
Maximum Call Capacity		Registered SIP devices: supports up to 500 registered SIP devices/users Concurrent SIP calls: up to 45
Warranty		1 year warranty on parts and maintenance
Implementation		Inclusive of installation and configuration; Provide user training on how to setup, configure and maintain the hardware.
Delivery		30 working days from receipt of Purchase Order.

IV. MODE OF PROCUREMENT

The mode of procurement shall be: Small Value Procurement (SVP).



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V. NATURE OF PROCUREMENT

Classified as “Goods”, the Video Conferencing System shall provide general support services in pursuit of all government undertaking by the NPC.

VI. SOURCE OF FUND AND APPROVED BUDGET FOR THE CONTRACT (ABC)

Source of Fund: NPC 2019 Continuing Appropriation APP, NPC ISSP (2019-2020)

Approved Budget: Two Hundred Twenty-Five Thousand Pesos Only (P 225,000.00).

VII. INSTRUCTIONS TO VENDORS/VENDORS' QUALIFICATIONS

1. Vendor must be a PhilGEPS registered.
2. Must accept send bill transaction.
3. Vendor must provide 1 year parts and service warranty

VIII. EVALUATION PROCESS

The evaluation shall include, but not limited to:

1. Inspection of items – physical checks on the items for any deformation, dents and cracks and the completeness of the device for its physical and visual examination.
2. Installation and configuration by the provider
3. Testing the devices to check if it is working properly when plugged in.

IX. PAYMENT TERMS

Payment shall be made when the Goods have been rendered or delivered in accordance with the signed contract and instructions set in the evaluation of goods delivered and



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upon issuance of Inspection and Acceptance Certification by the Inspection and Acceptance Committee.

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