is not resumed in thirty (30) calendar days after the receipt of such notice by the Procuring Entity.

28. **Assignment of Rights**

The Supplier shall not assign his rights or obligations under this Contract, in whole or in part, except with the Procuring Entity's prior written consent.

29. **Contract Amendment**

Subject to applicable laws, no variation in or modification of the terms of this Contract shall be made except by written amendment signed by the parties.

30. **Application**

extent the controlled while the controlled with the controlled wit These General Conditions shall apply to the extent that they are not superseded by





Section V. Special Conditions of Contract

Uncontrolled when pinted





Special Conditions of Contract

GCC Clause					
1.1(g)	The Procuring Entity is				
:	BASES CONVERSION AND DEVELOPMENT AUTHORITY				
1.1(i)	The Supplier is [to be inserted at the time of contract award].				
1.1(j)	The Funding Source is The Government of the Philippines (GOP) through BCDA's Corporate Operating Budget in the amount not to exceed the following ABC's:				
	Lot	Description	Qty	Unit Cost	Total
	A	1. Desktop	55	60,000.00	3,300,000.00
		2. Notebook	20	70,000.00	1,400,000.00
		3. PC Workstation	3	120,000.00	360,000.00
	В	1. PC Workstation Design	1	70,000.00	70,000.00
		2. Tablet	14	28,000.00	392,000.00
		3. Tablet for GIS	1	55,000.00	55,000.00
	С	1. Inkjet Printer	2	20,000.00	40,000.00
		2. Portable Printer	1	25,000.00	50,000.00
	D	1. Projector	2	65,000.00	13C,000.00
		2. Document Camera	3	33,000.00	99,000.00
	Е	1. Adobe InDesign	2	12,000.00	24,000.00
		2. Adobe Acrobat	1	27,000.00	27,000.00
		3. Adobe Illustrator	3	12,000.00	36,000.00
	F	1. 3D Modelling Software Application for GIS	2	412,000.00	824,000.00
	•	2. Arc GIS 3D Analyst Extension	1	310,000.00	310,000.00
	G	1. AutoCAD Civil 3D	1	350,000.00	350,000.00
	U	2. AutoCAD LT	3	22,000.00	66,000.00
	Н	Video Conferencing System	1	1,168,000.00	1,168,000.00
				Total: PhP	<u>8,681,000.00</u>
1.1(k)	BCDA Avenue	oject Site is at: Corporate Center, 2/F Bonifaci e, Bonifacio Global City, Taguig		ology Center, 31	st St., Corner 2 nd
2.1		her instructions.	Mul		
5.1	The Procuring Entity's address for Notices is: BCDA Corporate Center, 2nd Floor Bonifacio Technology Center, 31st St., Corner 2nd Avenue, Bonifacio Global City, Taguig City				



	The Supplier's address for Notices is:
6.2	The Contract shall be issued in the form of a Purchase Order (PO)
	Delivery of the GOODS shall be made by the Supplier in accordate the terms specified in Schedule of Requirements.
10.4	Not applicable.
10.5	Payment using LC is not allowed.
11.3	Maintain the GCC Clause.
13.4(c)	No further instructions.
16.1	None.
17.3	Please refer to the Technical Specifications.
17.4	Please see Technical Specifications on the details of service during warra
21,1	If the Supplier is a joint venture, "All partners to the joint venture shall
	t it to take at the company of the c
	and severally liable to the Procuring Entity





Section VI. Schedule of Requirements

RE

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.

Item Number	Description	Quantity	Total	Delivered, Weeks/Months
1	Desktop	55		
2	Notebook	20		
3	PC Workstation	3		, 0
4	PC Workstation Design	1		
5	Tablet	14) ·
6	Tablet for GIS	I	A	
7	Inkjet Printer	1		Within 10 - 60
8	Portable Printer	2	V	calendar days
9	Projector	2	•	from receipt of
10	Document Camera	3		Purchase Order
11	Adobe InDesign	2		
12	Adobe Acrobat	1		
13	Adobe Illustrator	3		
14	3D Modelling Software	2		
1.5	Application for GIS	1		
15	Arc GIS 3D Analyst Extension	1		
16	AutoCAD Civil 3D	1		
17	AutoCAD LT	3		
18	Video Conferencing System	1		

Signature over Printed Name	_

Bidder's Authorized Representative:

Principal Bidder / Supplier





Section VII. Technical Specifications led



TERMS OF REFERENCE / TECHNICAL SPECIFICATIONS

LOT	ITEMS	SPECIFICATIONS
NO.		
A 1	55 units	Desktop - All-In-One PC Configuration
		• Intel Core i5-8500 3.0 8th Gen
		• 8GB DDR4, 2400 MHz 2666
		• 1TB SATA3 7200RPM
		• Wireless LAN 802.11 ac + BT4.0
		Ports: LAN port, USB 3.0, Display port, Audio jack(s), Card reader
		• 23.8" Non-Touch
		• Integrated HD Graphics
		• 9.5 DVDWR
		Genuine Microsoft Windows 10 Pro 64 bit
		USB Keyboard and Optical Mouse (same brand)
		Branded (Globally Known Brand)
		• Warranty: 3/3/3 AiO
*****		• 650 VA UPS
		Warranty for the UPS: 2 years, battery: 1 year
		Complete documentation of all the components.
2	20 units	Notebook PC
		• Intel Core i5 -7200U 430 7th Generation
		• 13.3 inch LED Anti-glare
		• 8GB DDR4 2400 SDRAM (1 x 8 GB)
		• 1TB 5400 RPM HDD
		• 2.0/3.0 USB Ports, VGA Port, DisplayPort, RJ45
		Backlit Keyboard
		• 3 cell 44WHr Battery (3 yr Warranty)
		• Fingerprint Reader
		• WLAN ac 2x2 + BT
	\sim C	• with bundled software
		Genuine Microsoft Windows 10 Pro 64 bit
\		Optical Mouse (same brand)
) *	Branded (Globally Known Brand)
		Warranty: 3 years Parts and Labor
		• With Carrying Case,
3	3 units	PC Workstation
		• Intel Core i7-7700K 8M 4C 4.2 8M 4C CPU
		• 16GB 2400 MHz DDR4 Non-ECC
		• 1 TB SATA (7,200 Rpm) Hard Drive
		- 1 10 DATA (7,200 Rpiti) Hald Drive



	• 4 GB 3100 Graphics
	• DVD Writer
	• 10/100/1000, Integrated Gigabit Ethernet
	• USB 2.0, USB 3.0, DVI, Display ports, Audio In/Out
	• Integrated Intel SATA Controller
	• Intel Wireless 8260 ac card
	• 23" Full-HD Monitor
	Keyboard and Optical Mouse
	• with bundled software
	Genuine Microsoft Windows 10 Pro 64 bit
	Branded (Globally Known Brand)
	Warranty: 3 years parts and labor and service (3/3/3)
	• 650 VA UPS
	Warranty for the UPS: 2 years, battery: 1 year
	Complete documentation of all the components.
B 1 1 unit	PC Workstation Design
	• Intel Core i5 Processor (2.3 GHz Dual-core 7th Generation)
	• 8GB 2133MHz DDR4
	• 1 TB SATA (5400 Rpm) Hard Drive
	Operating System: Mac OS High Sierra
	Graphics:
	• Intel Iris Plus Graphics 640
	• Display: 21.5 inch LED-backlit display ; 1920 x 1080 resolution
	Video Support and Camera:
anners at an anners at anners An An An	• HD camera
	• Simultaneously supports full native resolution on the built-in display at millions of colors (21.5-
	inch) or 1 billion colors (21.5-inch 4K) and: One 5120by2880 (5K) external display at 60Hz with support for 1 billion colors, or
	Two 3840-by-2160 (4K UHD) external displays at 60Hz with support for 1 billion colors, or
	Two 4096by2304 (4K) external displays at 60Hz with support for millions of colors
	Thunderbolt 3 digital video output
	Native DisplayPort output over USBC
	Thunderbolt 2, HDMI, DVI, and VGA output supported using adapters
	Audio:
	• Stereo speakers
	• Microphone
	• 3.5 mm headphone jack
	Connections and Expansion:
	• SDXC card slot
	• Four USB 3 ports (compatible with USB 2)
	• Two Thunderbolt 3 (USB-C) ports with support for: DisplayPort; Thunderbolt (up to 40 Gbps);
	USB 3.1 Gen 2 (up to 10 Gbps); Thunderbolt 2, HDMI, DVI, and VGA supported using adapters • 10/100/1000BASE-T Gigabit Ethernet (RJ-45 connector)



		Kensington lock slot
		Wireless:
		Wi-Fi: 802.11ac Wi-Fi wireless networking; IEEE 802.11a/b/g/n compatible
		Bluetooth: Bluetooth 4.2 wireless technology
		Warranty:
		• 1 Year
2	14 units	<u>Tablet</u>
		• Display: Retina display, 9.7-inch (diagonal) LED-backlit Multi-Touch display with IPS technology, 2048-by-1536-pixel resolution at 264 ppi, Fingerprint-resistant oleophobic coating
		• A10 Fusion 4th Generation chip with 64-bit architecture Embedded M10 coprocessor
		Capacity: Wi-Fi, 128GB Research of company line Photos Autofosis Panagama (up to 42 marchine)
		8-megapixel camera, Live Photos, Autofocus, Panorama (up to 43 megapixels) Nidea Bassadian (1980a UR) videa recording (20 fee). Flores (1990a) The photos videa with
		Video Recording: 1080p HD video recording (30 fps), Slomo (120 fps), Time-lapse video with stabilization, Video image stabilization, Face detection, 3x video zoom, Video geotagging
		 HD Camera: 1.2-megapixel photos, Live Photos, f/2.2 aperture, Retina Flash, 720p HD video recording
		WiFi: WiFi (802.11a/b/g/n/ac); dual band (2.4GHz and 5GHz); HT80 with MIMO Bluetooth 4.2 technology
		Sensors: Touch ID, Three-axis gyro
		 Power and Battery: Built-in 32.4watthour rechargeable lithiumpolymer battery, Up to 10 hours of surfing the web on WiFi, watching video, or listening to music, Charging via power adapter or USB to computer system
		With Power Adapter and Cables
		Warranty: One (1) year
3	1 unit	Tablet for GIS
		 Display: Retina display, 12.9-inch (diagonal) LED-backlit Multi-Touch display, 2732-by-2048 resolution at 264 pixels per inch (ppi)
		• A10X Fusion chip with 64bit architecture, Embedded M10 coprocessor
		• Capacity: 256GB
		 Camera: 12-megapixel camera, Digital zoom up to 5x, Quad-LED True Tone flash, Panorama (up to 63 megapixels), Autofocus with Focus Pixels, Sapphire crystal lens cover, Backside illumination sensor
	~C	 Video Recording: 4K video recording at 30 fps, 1080p HD video recording at 30 fps or 60 fps, 720p HD video recording at 30 fps, Slomo video support for 1080p at 120 fps and 720p at 240 fps Speakers: Four speaker audio
	~U	Wi-Fi (802.11a/b/g/n/ac); dual band (2.4GHz and 5GHz); HT80 with MIMO
		Sensors: Touch ID, Three-axis gyro, Accelerometer, Barometer, Ambient light sensor
	*	Power and Battery: Built-in 41-watt-hour rechargeable lithiumpolymer battery, Up to 10 hours
		of surfing the web on Wi-Fi, Charging via power adapter or USB to computer system • With Power Adapter and cables
		• Warranty: One (1) year
C 1	1 unit	Inkjet Printer
		Print Method: On-demand ink jet (piezoelectric)



	Nozzle Configuration: 360 nozzles Black
	Print Direction: Bi-directional printing, Uni-directional printing
	Maximum Resolution: 1440 dpi x 720 dpi (with Variable-Sized Droplet Technology)
	• Connectivity: Hi-Speed USB 2.0; Built-in wired Ethernet 10/100Base-TX (RJ45) networking; Built-
	<u>in</u>
	Minimum Ink Droplet Volume 3pl
	• Print Speed: Max Black Draft Text - Memo (A4) Approx. 34 ppm (Draft); ISO Default - ISO 24724
	Black Approx. 15 ipm • Collate : Yes
	Printer Interface: USB:Hi-Speed USB 2.0; Ethernet:100BASE-TX / 10BASE-T
	Paper Feed Method: Friction feed
	• Input Capacity: 100 sheets, A4 Plain paper (75g/m²)
	 Output Capacity: 30 sheets, A4 Plain Paper (Default Text) Paper Size A4, A5, A6, B5, 10x15cm(4x6"), 13x18cm(5x7"), 9x13cm(3½x5"), Letter (8½ x11"),
	- Paper Size A4, A5, A6, B5, 10x15cm(4x6), 15x18cm(5x7), 9x13cm(3x x5), Letter (8x x11), Legal (8x x14"), Half Letter (5xx8x"),13x20cm (5x8"), 20x25cm (8x10"), 16:9 wide size,
	100x148mm, Envelopes: #10(41/8 x9½"), DL (110x220mm), C6 (114x162mm)
	One (1) year warranty
	With additional two (3) extra inks (140 ml)
	Service unit (of the same, equivalent or higher specs) is required whenever
	the unit is under repair.
	* Full replacement of defective unit is 15 working days from date of receipt.
2 2 units	Portable Printer
	• Print Quality: Up to 1200x1200 black; Up to 4800 x 1200 optimized color
	• Processor: 525 Mhz
	• Memory: 128 MB
	• Paper: Letter, Legal, A4, envelope
	• Input Tray capacity: Up to 50 sheets
	Conectivity: USB, Bluetooth
	Print Speed: Up to 22ppm for black; Up to 18ppm for color
	Branded (Globally Known Brand)
	1 Yr Warranty
	Complete documentation of all the components.
~0	Service unit (of the same, equivalent or higher specs) is required whenever
	the unit is under repair.
	* Full replacement of defective unit is 15 working days from date of receipt.
) 1 2 units	<u>Projector</u>
	• Resolution: WXGA
	• Brightness: White Light Output (Normal/Eco) 4,200lm / 2,910lm
	Colour Light Output: 4,200lm
	Contrast Ratio:3,000:1 (minimum)
	• Screen Size (Projected Distance): Zoom: Wide: 29" - 280" [0.84m - 8.4m]





	 Create borders that enclose multiple paragraphs using Paragraph Border feature Create cross-reference by searching a particular paragraph from the list of paragraphs with the
	help of a search bar
	Create new document, with option to preview the document as changes made in the New
	Document dialog
	Add endnotes and quickly reference annotations within long documents
	Create a border around one or more paragraphs
	Set and modify object size and position across pages in a document
	Add text objects from InDesign documents to Creative Cloud libraries
	• With option in the HTML export dialog which tells InDesign to not include classes in the HTML
	One (1) year subscription
	Commercially available with local support
2 1 lic.	Adobe Acrobat Pro (Additional)
	Approve with electronic signatures
	Combine files in PDF Portfolio
	Remove and redact information
	Meet PDF accessibility standards
	• Edit text and images
	Convert PDF Files to Powerpoint
	Standardize routine PDF tasks
and the second s	Automate repetitive multistep tasks and share with others.
	Turn scanned paper documents into instantly editable PDFs
	Add audio, video, and interactive objects to PDFs
	Prepare PDFs consistently with guided actions
	Automatically optimize PDFs to reduce file size , or customize settings first
	Redact to permanently remove sensitive information in PDFs
A between a terfore theth	Index PDF files to speed search across document collections
	• with installation media
***************************************	commercially available with local support
	• Perpetual License
3 3 lics.	Adobe Illustrator (Additional)
~ (· With On-Screen controls
	· Can import multiple page PDFs.
	· Can merge data using CSV files.
	· Properties panel. With access to all of the controls in one place.
	· Puppet Warp. Transform vector graphics while maintaining a natural look.
	· Creates up to 1,000 artboards on a single canvas.
	\cdot Stylistic sets: With predefined glyph alternates to an entire block of text.
· 	· Easier artboard organization.
	· SVG color fonts.
	· Variable fonts.



	· MacBook Pro Touch Bar support.
	· Text management in Creative Cloud Libraries
1	· Easier image cropping.
	· Faster document creation.
	· With Color Theme panel.
F 1 2 lics.	3D Modelling Software Application
	General Description:
	· Procedural 3D modelling application specialized for generation of 3D urban
	environments
	· 3D shape generation via rule-based system and data sets
	· Compatible with existing BCDA GIS Database
	Features:
	· Procedural modeling core
	· Highly integrated with GIS & CAD Data
	 Supports industry-standard GIS/CAD formats such as shapefile, file geodatabase,
	OSM
	· Parametric modeling interface to interactively control street or building parameters
	· Interactive designing, editing and modification of urban layouts
	Supports Industry-standard 3D formats such as Collada, Autodesk FBX, 3DS, etc.
	Integrated 3D Web Scene export to existing BCDA 3D Web Mapping Platform
	· Rule creator and visual façade authoring tool
	Custom report generation thru use of scripts and rule-based report generation
	· Local technical support and availability of training materials
	· With Training / Knowledge Transfer
2 1 lic.	ArcGIS 3D Analyst Extension
	Capabilities
	· View GIS data on a 3D globe using ArcGlobe.
	View GIS data within a 3D planimetric view using ArcScene.
	Query GIS data using 3D distances.
	Ask 3D analytic questions, such as What is the impact of a proposed building on
	existing views
	· Build and maintain functional surfaces, such as a terrain dataset constructed from
	lidar.
	· Query and analyze surfaces, such as slope and aspect.
	Import 3D data from multiple sources, such as multipatch buildings constructed in
	SketchUp.
	· Edit and maintain 3D vector data, such as building interior transportation networks.
	 Use interactive tools to make 3D queries, such as measuring heights inside 3D.
	· Local technical support and availability of training materials
	· With two 3D visualization applications, ArcGlobe and ArcScene



- · ArcCatalog: Allows to manage 3D GIS data and create layers with 3D viewing properties
- · ArcMap: Allows to create new surfaces from your GIS data as well as analyze surfaces, query attribute values at a location on a surface, and analyze the visibility of parts of a surface from different locations

G 1 1 lic. AutoCAD Civil 3D (Additional license)

Features

- Can obtain feature lines from a surface or relative to surface,
- · Can create dynamic offset profiles using a default cross slope,
 - Can create new dynamically linked alignment and profile,
- · Can resize pipes and reset inverts, and compute the energy and hydraulic grade lines according to HEC-22 2009 standards,
- Can create plan/plan and profile/profile sheets,
- Can add custom data to object labels by using property sets,
- · Can create points, lines, curves representing traverse legs and side shots using COGO input and editing tools
- · Can resolve corridor bowties in daylighting conditions.
- · With tools for corridor modelling
- Can easily extract multiple feature lines
- Can streamline the layout of rail tracks,
- · Can use and display point cloud data,
- · Can create TIN surfaces from point cloud data
- · With tools to create dynamic surfaces,
- · With terrain models for grading,
- · With automated parcel design tools,
- With tools for sanitary and storm drainage systems
- · With tools to help better plan, visualize, and model geotechnical data

Technical Support

- Site visit by a qualified /certified application engineer when needed,
- · Quarterly site visit for maintenance.

2 3 lics. AutoCAD LT (Additional licenses)

Features:

- · Can compare and document the differences between 2 versaions of a drawing,
- Can save drawings from desktop to view and edit on web and mobile apps
- With 2X faster zoom, pan, and change draw orders and layer properties,
- · Can publish design views of a drawing in a web browser for viewing and commenting,
- · Can create, edit, view, and share CAD drawings on mobile device with the mobile app,
- With improve visuals with new flat-design icons and 4K enhancements,
- Can access favorite tools easily,



	 Can easily access most frequently used content and tools with customizable tool palettes,
	With tools for corridor modelling
	Technical Support
	Site visit by a qualified /certified application engineer when needed,
	100 m 100 % (mm) ;
	· Quarterly site visit for maintenance.
H	Video Conferencing System
1 2 sets	Video Conferencing Kit (for small meeting room)
	 Schedule meetings with dozens of internal and external participants and up to 25
	devices.
	Real time, wireless sharing and collaboration
	· Updates roll out automatically
	· Can control and monitor devices remotely
	· Can join meetings from the web or mobile devices
	· Technical Specification:
	OS: Google Chrome OS
	Processor: 5th generation Intel Core i7 55000 (2 Core, 2.40GHz, 4 MB)
	Memory: 4 GB DDR3
	Storage: 16 GB SSD
	Graphics: Intel HD Graphics 5500
	• Camera: Full HD 1080p (1920x1080), autofocus, low light correction
	• Microphone/speaker: omni-directional, noise filter, built in controls (volume, mute,
	start/end call)
	 Remote control: wireless, RF based, USB adapter, full QWERTY keyboard
	 Ports: 4x USB 3.0, gigabit ethernet, HDMI, DisplayPort, 4-in-1 card reader:
	SD/SDHC/SDXC/MMC
	• Wireless: WiF/802.11 a/b/g/n/ac, Bluetooth 4.0
	• Accessories: 1x USB cable (15-feet), 1x ethernet cable (15-feet), 1x HDMI cable, 1x AC
	adapter, 1x
, ·	VESA mount kit
	Services: 3-year warranty, delivery included, installation not included
2 2 sets	Video Conferencing Kit (for large meeting room)
	Schedule meetings with dozens of internal and external participants and up to 25
	devices.
	Real time, wireless sharing and collaboration
	· Updates roll out automatically
	Can control and monitor devices remotely
	Can join meetings from the web or mobile devices
	· Technical Specification:
	OS: Google Chrome OS



- Processor: 8th generation Intel Core i7 8500U (4 Core, 1.80GHz upto 4 GHz, 8 MB)
- Memory: 4 GB DDR4
- Storage: 32 GB SSD
- Graphics: Intel HD Graphics 620
- Controller: 10.1" IPS multi-touch display panel (1280 x 800 resolution)
- Camera: 4K UHD, 120° wide field of view, intelligent participant detection, auto zoom/cropping
- Mic/speaker: 360° sound input/output, 20-foot range, active echo cancellation, background noise management
- Ports: 3x USB 3.1, 1x USB 3.1 type-C, gigabit ethernet, HDMI, DisplayPort, 4-in-1 card reader:

SD/SDHC/SDXC/MMC

- Wireless: WiFi 802.11 a/b/g/n/ac, Bluetooth 4.2
- Accessories: 2x USB to mini-USB cable, 1x USB to type-C cable, 1x USB to micro-USB cable, 1x
- ethernet cable, 1x HDMI cable, 1x AC adapter, 1x LCD stand, 1x VESA mount kit
- Services: 3-year warranty

3 1 set Multi-platform Video Conferencing Kit (Board Room)

- > Must be able to join from any video conferencing system platform,
- >> Hardware must be optimized to run on a cloud platform, for easy access to hosted conferences,
- > Must be able to connect to any mobile devices,
- ➤ Must be able to connect to two or more participants (scalable),
- ➤ With software and technical support (includes firmware updates).

A. Technical Specifications:

- Hardware component: table microphone, wall mount for codec plus
- Bandwidth: up to 6 Mbps point to point
- Minimum bandwidth for resolution/frame rate: H.264

720p30 from 768 kbps

720p60 from 1152 kbps

1080p30 from 1472 kbps

1080p30 from 2560 kbps

- Firewall traversal: H.460.18, H.460.19 firewall traversal
- Video Inputs: One HDMI Input supports formats up to maximum 1080p60, two HDMI inputs support

formats up to maximum 4K (3840 x 2160) at 30fps

• Video Outputs: two HDMI outputs support formats up to 3840 x 2160p60 (4Kp60), Live video resolutions

(encode and decode) up to 1920×1080 p60 (HD1080p, Consumer Electronics Control (CEC) 2.0

- Audio Standards: G.711, G722, G722.1, G729, AAC-LD, and Opus
- Audio Features: High quality 20kHz audio, Subwoofer line out for Quad Camera,



Prepared for inductive

loop (line out), Automatic Gain Control (AGC), Automatic noise reduction, Active lip synchronization

- Speakers (internal): High-quality speakers, Frequency response 70Hz to 20kHz, Max output level SPL 90db
- Speaker tracking: 6-element microphone array for accurate speaker tracking
- Wireless Sharing
- Multipoint support: 4-way embedded SIP/H.323 conferencing capability with Multisite option
- Multisite features: Adaptive SIP/H.323 Multisite

3-way resolution up to 1080p30 _ content up to 4Kp5

4-way resolution up to 720p30 _ content up to 4Kp5

- Full individual audio and video transcoding
- H.323/SIP/VoIP in the same conference
- Support for presentation (H.239/BFCP) from any participant at resolutions up to 3840 x 2160p5
- Embedded encryption: Automatic key generation and exchange
- IP Network:

DNS lookup for service configuration

- Differentiated services (Quality of Service [QoS])
- IP-adaptive bandwidth management (including flow control)
- Automatic gatekeeper discovery
- Dynamic playout and lip-sync buffering
- H.245 Dual-Tone Multi-frequency (DTMF) tones in H.323
- RFC 4733 DTMF tones in SIP
- Date and time support using Network Time Protocol (NTP)
- Media adaption and resilience
- Uniform Resource Identifier (URI) dialing
- Dynamic Host Configuration Protocol (DHCP)
- 802.1X network authentication
- 802.1Q Virtual LAN
- IPv6 Network Support:

Single call stack support for both H.323 and SIP

- Dual-stack IPv4 and IPv6 for DHCP, SSH, HTTP, HTTPS, DNS, DiffServ
- Support for both static and automatic IP configuration (stateless address auto configuration)
- Security Features:

Management using HTTPS and SSH

- IP administration password
- Menu administration password
- Disable IP services
- Network settings protection
- Network Interfaces Codec Medium:

One Ethernet (RJ-45) 10/100/1000 for LAN



- One Ethernet (RJ-45) 10/100/1000 for direct pairing with camera
- One Ethernet (RJ-45) 10/100/1000 with Power over Ethernet (PoE) for direct pairing with Touch 10
- Wi-Fi 802.11a/b/g/n/ac 2.4 GHz/5 GHz for LAN. 2x2 MIMO
- Bluetooth 4.0 LE
- Other interface: USB 2.0 port, uUSB, factory reset pinhole
- Power supplies: 100 to 240 VAC, 50/60 Hz, 12V DC input
- Camera Overview:
- 5K Ultra HD Camera
- Support up to 60 fps
- 15.1 MP image sensor
- 1/1.7 CMOS
- 5x digital zoom (3 tele-lenses each with 50-degree horizontal field of view)
- f/2.0 aperture
- · Auto focus, brightness and white balance
- Focus distance 1m infinity
- B. Features:
- Includes a cloud-based phone system, with the ability to connect other call control capabilities and
- services, and encompasses all the devices to make calls,
- Secure, all-in-one team collaboration. Move work forward in secure work spaces where everyone can

contribute anytime with messaging, file sharing, white boarding, video meetings, calling.

- with File storage
- Integrate existing IT assets to provide a single, integrated experience.
- With installation and Configuration.
 - Includes labor, such as carpentry, and drilling works.
 - End-connectors and other hardware materials. roughing-ins, misc. and other accessories to complete the installation
 - Calibration, Testing & Commissioning
 - Knowledge Transfer

Note:

- 1 All specifications are minimum requirements. Proponents may propose equivalent or higher specifications.
- 2 For Desktop, PC dimensions (Length, Width and Height) may vary, as long as the total space occupied is equal to or smaller than those indicated in the technical specifications.
- 3 Clones will not be accepted. Please propose globally-known brand.
- 4 Full replacement of defective unit/s should be 30 working days from receipt of notice. If full replacement is not yet possible, a service unit shall be provided by the supplier within 48 hours from receipt of notice of defective unit
- The obligation for the warranty shall be covered by Retention money in an amount equivalent to at least one percent (1%) of every progress payment.
 - The said amounts shall only be released after the lapse of the warranty period indicated per item of the TOR.



Prepared by:

Uncontrolled when printed or emailed



VIII. Checklist of Requirements for Bidders

Uncontrolled when pinted of



Checklist of Requirements for Bidders

"EACH AND EVERY PAGE OF THE BID FORM, INCLUDING THE SCHEDULE OF PRICES, UNDER SECTION IX HEREOF, SHALL BE SIGNED BY THE DULY AUTHORIZED REPRESENTATIVE/S OF THE BIDDER. FAILURE TO DO SO SHALL BE A GROUND FOR THE REJECTION OF THE BID AND PROPERLY TABBED AS FOLLOWS:"

ELIGIBILITY DOCUMENTS' ENVELOPE

- Tab A PhilGEPS Certificate of Registration under Platinum Membership
- **Tab B** Notarized Omnibus Sworn Statement/Affidavit of the prospective bidder (of its background, affiliations, responsibilities as Bidder, authorizations, etc.) (Section IX, Bidding Forms)
- Tab C Statement / List of all on-going, and completed government and private contracts, similar in nature to the contract/project subject of the bidding at hand, within at least the past three (3) years (September 2015 to September 2018) using the following forms and support documents:
 - (FORM SF-GOOD-13a) Statement of all its ongoing government and private contracts, including contracts awarded but not yet started, if any, whether similar or not similar in nature and complexity to the contract to be bid.
 - (FORM SF-GOOD-13b) Statement / List of at least one (1) **COMPLETED** government and/or private contracts (*Section IX*, *Bidding Forms*) similar in nature as the contract subject of bidding with a value of at least fifty (50%) of the Approved Budget for the Contract (ABC); or two (2) similar contracts with the aggregate contract amount equivalent to at least fifty percent (50%) of the ABC of the contract subject of bidding at hand supported with the following documents (in accordance to BDS Clause 5.4 of the BDS):
 - 1. Purchase Order or Contract; AND
 - 2. Certificate of Completion or Official Receipt of last payment received
- Tab D Computation of Net Financial Contracting Capacity (NFCC) in accordance with ITB Clause 5 (Section IX, Bidding Forms) or a committed Line of Credit from a universal or commercial bank in lieu of its NFCC computation.
- Tab E
 Bid Security (use Section IX, Bidding Forms in case of Bid Securing Declaration)
- Tab F Technical Specifications Compliance Form (<u>Use the supplied Technical Specifications Compliance Form found in the Bid Documents)</u>
- **Tab G** Schedule of Requirements (use Section VI) duly signed in every page by the principal bidder or the bidder's authorized representative
- **Tab H** Valid Joint Venture Agreement (JVA) in case the joint venture is already in existence. In the absence of a JVA, duly notarized statements from all the potential joint venture partners

TE

69

stating that they will enter into and abide by the provisions of the JVA in the instance that the bid is successful shall be included in the bid.

Additional documents for Joint Venture

Further, each partner of the JV shall likewise submit the following requirements consistent with ITB Clause 12.1.(a)(i) and 12.1.(a)(ii):

- 12.1.(a)(i) Registration certificate from the Securities and Exchange Commission (SEC) for corporation, Department of Trade and Industry (DTI) for sole proprietorship, or Cooperative Development Authority (CDA) for Cooperatives; and
- 12.1.(a)(ii) Valid Mayor's permit issued by the city or municipality where the principal place of business of the prospective bidder is located.

Submission of the following documents consistent with ITB Clause 12.1.(a)(iii) to 12.1.(a)(v) by any of the joint venture partners constitute compliance:

- 12.1.(a)(iii) Statement of ongoing and completed government and/or private contracts within at least the past three (3) years following item 2 above
- 12.1.(a)(iv) Audited Financial Statements for 2016, stamped "Received" by the Bureau of Internal Revenue (BIR) or its duly accredited and authorized institutions; and
- 12.1.(a)(v) Computation of Net Financial Contracting Capacity (NFCC) in accordance with ITB Clause 5.5.;

FINANCIAL PROPOSAL ENVELOPE

The Financial Component shall contain the following:

Tab I Financial Bid Form (use Section IX Bidding Forms)





Section IX. Bidding Forms mailed when printed or an arrangement of the controlled when printed or an arrangement of the controlled when printed or a controlled w

TABLE OF CONTENTS

BID FORM
Omnibus Sworn Statement73
BID SECURING DECLARATION FORM76
STATEMENT / LIST OF ALL ONGOING GOVERNMENT & PRIVATE CONTRACTS INCLUDING CONTRACTS AWARDED BUT NOT YET STARTED
STATEMENT / LIST OF ALL ONGOING GOVERNMENT & PRIVATE CONTRACTS COMPLETED WHICH ARE SIMILAR IN NATURE
FINANCIAL DOCUMENTS FOR ELIGIBILITY CHECK80
" My Ell "
alkolleo
Uncontrolled when pli





Bid Form

	Dia re		
		Date:	
	Invitation	to Bid ¹ Nº:	<u>></u>
To: BASES CONVERSION A 2 nd Floor Bonifacio Techno 31 st St., Cor. 2 nd Ave., Bon Taguig City	ology Center	Γ AUTHORITY	anailec
Gentlemen and/or Ladies:			
Having examined the numbers], the receipt of wh Bid for the Procurement of Bidding Documents for the factorial states.	tich is hereby duly a IT Equipment and	cknowledged, we, the Software 2018 in co	
ITEM(S)	TOTAL AMOUN FIGUR	TIN TOTAL AM	IOUNT IN WORDS
If our Bid is accepted amounts, and within the time We agree to abide by for ITB Clause 18.2 and it before the expiration of that	n the Schedule of Re , we undertake to p es specified in the Bid this Bid for the Bid shall remain binding period. ties, if any, paid or t	quirements. Provide a performance dding Documents. Validity Period specing upon us and may be one of the paid by us to age	ified in <u>BDS</u> provision e accepted at any time ents relating to this Bid
Name and address of agent	Amount and Currency	Purpose of Commission or g	gratuity

(if none, state "None")

73

 $^{^{\}rm 1}$ If ADB, JICA and WB funded projects, use IFB. $^{\rm 2}$ Applicable only if the Funding Source is the ADB, JICA or WB.

Until a formal Contract is prepared and executed, this Bid, together with your written acceptance thereof and your Notice of Award, shall be binding upon us.

We understand that you are not bound to accept the Lowest Calculated Bid or any Bid you may receive.

We certify/confirm that we comply with the eligibility requirements as per **ITB** Clause 5 of the Bidding Documents.

We likewise certify/confirm that the undersigned, [for sole proprietorships, insert: as the owner and sole proprietor or authorized representative of <u>Name of Bidder</u>, has the full power and authority to participate, submit the bid, and to sign and execute the ensuing contract, on the latter's behalf for the <u>Name of Project</u> of the <u>Name of the Procuring Entity</u>] [for partnerships, corporations, cooperatives, or joint ventures, insert: is granted full power and authority by the <u>Name of Bidder</u>, to participate, submit the bid, and to sign and execute the ensuing contract on the latter's behalf for <u>Name of Project</u> of the <u>Name of the Procuring Entity</u>].

We acknowledge that failure to sign each and every page of this Bid Form, including the attached Schedule of Prices, shall be a ground for the rejection of our bid.

Dated this	day of	20	
[signature]	10%	[in the capacity of]	
	gn Bid for and on be		
Dury authorized to si		man or	
**()`		
Up.			
co.			
100			
3			





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
, Ph	ilippines.							•		-		

死

Bidder's Representative/Authorized Signatory



	nmunity Tax Certificate No issued on at and seal this day of [month] [year].
withess my hand a	ind sear this day of [month] [year].
	NAME OF NOTARY PUBLIC
	Serial No. of Commission Notary Public foruntil
	Roll of Attorneys No.
	PTR No[date issued], [place issue
	IBP No[date issued], [place issued]
Doc. No	
Page No	
Book No Series of	
	70
* cm: ' C '11 . 1	
* This form will not apply	for WB funded projects.
* This form will not apply	,0
·O//	
X	

TE



BID SECURING DECLARATION FORM

REPUBLIC OF THE PHILIPPINES))	
CITY OF) S.S.	
X	Х	

Invitation to Bid: [Insert Reference number] BID SECURING DECLARATION

To: [Insert name and address of the Procuring Entity]

I/We³, the undersigned, declare that:

- 1. I/We understand that, according to your conditions, bids must be supported by a Bid Security, which may be in the form of a Bid-Securing Declaration.
- I/We accept that: (a) I/we will be automatically disqualified from bidding for 2. any contract with any procuring entity for a period of two (2) years upon receipt of your Blacklisting order; and, (b) I/we will pay the applicable fine provided under Section 6 of the Guidelines on the Use of Bid Securing Declaration, within fifteen (15) days from receipt of the written demand by the procuring entity for the commission of acts resulting to the enforcement of the bid securing declaration under Sections 23.1(b), 34.2, 40.1 and 69.1, except 69.1(f), of the IRR of RA 9184; without prejudice to other legal action the government may undertake.
- We understand that this Bid Securing Declaration shall cease to be valid on the following circumstances:
 - Upon expiration of the bid validity period, or any extension thereof (a) pursuant to your request;
 - (b) I am/we are declared ineligible or post-disqualified upon receipt of your notice to such effect, and (i) I/we failed to timely file a request for reconsideration or (ii) I/we filed a waiver to avail of said right;
 - (c) I am/we are declared the bidder with the Lowest Calculated Responsive Bid, and I/we have furnished the performance security and signed the Contract.

78

³ Select one and delete the other. Adopt the same instruction for similar terms throughout the document.

IN WITNESS WHEREOF, I/We h [month] [year] at [place of execution].	have hereunto set my/our hand/s this day of
	[Insert NAME OF BIDDER'S AUTHORIZED REPRESENTATIVE]
	[Insert Signatory's Legal Capacity] Affiant
of execution], Philippines. Affiant/s is/are	personally known to me and was/were identified entity as defined in the 2004 Rules on Notarial
Practice (A.M. No. 02-8-13-SC). Affiant/s identification card used], with his/her phot	exhibited to me his/her [insert type of government tograph and signature appearing thereon, with notificate No issued on at
Witness my hand and seal this	lay of [month] [year].
	NAME OF NOTABY BURY IC
	NAME OF NOTARY PUBLIC Serial No. of Commission
	Notary Public for until
N.	Roll of Attorneys No
2 3	PTR No. [date issued], [place issued]
	IBP No [date issued], [place issued]
Doc. No.	
Page No.	
Book No.	
Series of	

TE

f.