SUPPLEMENTAL/BID BULLETIN NO. 7

SUPPLY AND DELIVERY OF ICT EQUIPMENT
(DOT-BAC-IB NO. 2020-004)

This **Supplemental/Bid Bulletin No. 7** is issued to all prospective bidders to further modify and/or amend items in the Bidding Documents for the aforementioned project. This shall form part of the Bidding Documents.

I. AMENDMENT TO BIDDING DOCUMENTS

A. Section VII. Technical Specifications

Item	Specifications
Lot No. 3	**MOBILE DEVICES:** 1. Mobile Tablet – 40 units 2. Printer (All in One) – 34 units 3. Compact/Portable Scanner – 34 units 4. DSLR Camera – 15 units Technical Specifications: 3. Compact/Portable Scanner Memory: At least **64MB**

Please use the attached Revised Technical Specifications together with all other required documents for the Bid Opening on **June 10, 2020, 2:30 PM**.

 For the guidance and information of all concerned.

 03 June 2020

ASEC. ROBERTO P. ALABADO III
DOT-BAC Chairperson

Section VII. Technical Specifications

Item	Specification	Statement of Compliance[1]
Lot No. 1	***DESKTOP (190 units)*** ***This Desktop specification is configured to order and intended for enterprise/business not for consumer use. It is created for the unique needs of small business with advanced processors and an array of options in an ultra-compact design.*** **I. IT Supplier Requirement for Desktop:** 1. Must submit certification of authorized partner. 2. Must provide a central toll-free hotline number and e-mail address of the brand being offered. 3. On - site support shall be provided by the manufacturer on the Next Business Day after final remote diagnosis for delivered items within Metro Manila and 3 days outside Metro Manila 4. On - site support engineers and technicians should carry a valid manufacturer's ID and certification from the brand or manufacturer of the delivered ICT equipment especially on desktop, laptop and servers. 5. Unit model must be current and not in "end of Life" as reflected in the current product line found in the manufacturer's official website / brochure. A manufacturer's certificate for this purpose is required. 6. Certification from the brand and product manufacturer that the brand and product parts being offer will be available and serviceable for at least five (5) years after delivery and acceptance. 7. All components must conform to international standards and should be factory installed with corresponding part number and verifiable via web. 8. The manufacturer brand must have at least two parts depot within the country to ensure sufficient number of spare parts	

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[1] *Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidders statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the provisions of **ITB** Clause **Error! Reference source not found.** and/or GCC Clause **Error! Reference source not found.***

II. Technical Specifications:

Enterprise / business model Desktop

Not less than 19.5" Monitor including the bezel **or 18.5" active display**

Equivalent to 9th Generation Intel Core i5 – 9400 Processor (6 Core, 9MB Cache, up to 4.1Ghz) Intel Turbo Boost or higher

EPA (Environment Protection Agent) Chassis MOD 290W PSU with Trust Platform Module (TPM)

   *as compliance to Climate Change and DOT sustainable tourism

   *as compliance to data privacy act

Tray Load DVD Drive (Read and Write) **must include** Bezel with Slim Optical Drive (Reads and Writes)

Equivalent to Wireless 1707 Card (802.11bgn + Bluetooth 4.0, 2.4GHz)

1 Gigabit Lan port

Ex-factory Delivery

8GB DDR4, 2666MHz UDIMM Non-ECC; up to 32GB

Integrated Graphics

1TB 7200RPM SATA 6Gb/s HDD

Energy Star Label

Wired Mouse Same brand of desktop Black

Wired Keyboard Same brand of desktop Black

Latest Propriety Operating System (Professional) 64 bit

Mod Spec Info

REG label for Eagle Small Form Factor-Environment Protection Agent (SFF-EPA)

Fixed Hardware Configuration

*This help the IT Division to identify and verify that the products was ship directly from the manufacturer and no alteration while delivery is in progress.

Warranty:

Limited Warranty: 3 years labor and parts – PH

3Yr Technical Support –PH

Parts and labor response

7x24 Technical Support & Assistance:PH

Same or NBD Onsite Service – PH

	Direct Online cases and dispatch	
	Dispatch monitoring and crisis management	
	Escalation management	
	Collaborative 3rd party assistance	
	Predictive / proactive automated issue detection, notification and case creation	
	Predictive / proactive issue detection for failure prevention	
	VIP / Priority Access to engineers	
	Accidental damage repair	
	Hard Drive Retention	
	Dedicated Technical Account Handler	
	Monthly support history and contract reporting	
Lot No. 2	***LAPTOP (130 units)*** ***This Laptop specification is configured to order and intended for enterprise/business not for consumer use.*** **I. IT Supplier Requirement for Laptop** 1. Must submit certification of authorized partner. 2. Must provide a central toll-free hotline number and e-mail address of the brand being offered. 3. On - site support shall be provided by the manufacturer on the Next Business Day after final remote diagnosis for delivered items within Metro Manila and 3 days outside Metro Manila 4. On - site support engineers and technicians should carry a valid manufacturer's ID and certification from the brand or manufacturer of the delivered ICT equipment especially on desktop, laptop and servers. 5. Unit model must be current and not in "end of Life" as reflected in the current product line found in the manufacturer's official website / brochure. A manufacturer's certificate for this purpose is required. 6. Certification from the brand and product manufacturer that the brand and product parts being offer will be available and serviceable for at least five (5) years after delivery and acceptance. 7. All components must conform to international standards and should be factory installed with corresponding part number and verifiable via web.	

8. The manufacturer brand must have at least two parts depot within the country to ensure sufficient number of spare parts.

II. Technical Specifications:

Enterprise or Business model Laptop

Equivalent to 10th Generation Intel Core i5 – 10210U Processor (6Mb Cache, up to 4.2Ghz) or higher

14.0" FHD (1920 x 1080) Anti- Glare LED – Backlit Non-touch WVA Display

LCD Cover Kit – Black Palmrest with Finger Print Reader

> **<u>*The finger print reader can be located anywhere in the palmrest even beside or on the power button</u>**

Trust Platform Module (TPM) on board

8GB DDR4 2666MHz

1TB 5400 rpm 2.5" SATA Hard Drive

Energy Star Label

Equivalent to Intel(R) UHD Graphics

802.11ac 1x1 Wireless and Bluetooth

English International non – backlit keyboard

Latest Propriety Operating System (Professional) 64 bit

OS Recovery - USB

Ex-factory Delivery

FGA NB1 – OU – BTO ex-hub

Ports:

2x USB 3.1 Gen 1 port

1x USB 2.0 port

1x HDMI

1x SD 3.0 memory card reader

1x RJ-45

1x **<u>security lock</u>**

Less than 2kg

	Warranty and Support:	
	Limited Warranty: 3 years labor and parts – PH	
	: **at least 1 year on battery and accessories**	
	3Yr Technical Support –PH	
	Parts and labor response	
	7x24 Technical Support & Assistance: PH	
	Same or NBD Onsite Service – PH	
	Direct Online cases and dispatch	
	Dispatch monitoring and crisis management	
	Escalation management	
	Collaborative 3rd party assistance	
	Predictive / proactive automated issue detection, notification and case creation	
	Predictive / proactive issue detection for failure prevention	
	VIP / Priority Access to engineers	
	Accidental damage repair	
	Hard Drive Retention	
	Dedicated Technical Account Handler	
	Monthly support history and contract reporting	
	Accessories	
	Laptop Backpack must fit most laptops up to 15"	
	Wireless Travel Mouse Same brand of laptop – Black	
Lot No. 3	***MOBILE DEVICES***	
	1. ***Mobile Tablet - 40 units***	
	2. ***Printer (All in One) – 34 units***	
	3. ***Compact/Portable Scanner – 34 units***	
	4. ***DSLR Camera – 15 units***	

(As of 03 June 2020)

Technical Specifications:

1. Mobile Tablet (model must be 2018 or above)

Storage Capacity: 64GB or higher

Size: not more than 204mm x 135 mm x 7mm

Weight: not more than 309g

Display:

7– 8 inch (diagonal) LED-backlit Multi-Touch display

2048 – by – 1536 resolution

Wide color display

True Tone Display

Fingerprint – resistant oleophobic coating

Fully laminated display

Antireflective coating

At least 1.8% reflectivity

At least 500 nits brightness

Chip: must have a 64bit architecture

Rear Camera:

At least 8 mp camera

Five – element lens

Hybrid IR filter

Backside Illumination

Wide color capture for photos and live photos

Autofocus

Panorama

HDR for photos

Exposure control

Burst mode

Tap to focus

Timer mode

Auto image stabilization

Photo geotagging

Video Recording:

1080p HD video recording

Slo – mo (120fps)

	Time - lapse video with stabilization	
	Video image Stabilization	
	3x video zoom	
	Video geotagging	
	Front Camera:	
	At least 7mp	
	1080p HD video recording at 30 fps	
	Retina Flash	
	Wide color capture for photos and Live Photos	
	Auto HDR for photos and videos	
	Backside illumination	
	Burst mode	
	Exposure control	
	Timer mode	
	Call Function: Audio and Video Call enable	
	Speakers: Stereo Speakers	
	Microphones: Dual microphones for calls, video recording, and audio recording	
	Cellular and Wireless bandwidth:	
	Wi-Fi (802.11a/b/g/n/ac); simultaneous dual band (2.4GHz and 5GHz); HT80 with MIMO	
	Bluetooth 5.0 technology	
	UMTS/HSPA/HSPA+/DC-HSDPA (850, 900, 1700/2100, 1900, 2100 MHz); GSM/EDGE (850, 900, 1800, 1900 MHz)	
	Gigabit-class LTE (Bands 1, 2, 3, 4, 5, 7, 8, 11, 12, 13, 14, 17, 18, 19, 20, 21, 25, 26, 28, 29, 30, 34, 38, 39, 40, 41, 46, 66)	
	Sim card: Equivalent to Nano – Sim	
	Location: Digital compass Wi-Fi microlocation **Assisted/Built-in GPS, GNSS/GLONASS** Cellular	
	Sensors: Three-axis gyro Accelerometer Barometer Ambient light sensor	

Battery: Built-in 19.1-watt-hour rechargeable lithium-polymer battery Up to 10 hours of surfing the web on Wi Fi, watching video, or listening to music Charging via power adapter or USB to computer system Up to 9 hours of surfing the web using cellular data network **Accessibility:** VoiceOver Zoom Magnifier Dictation Switch Control Closed Captions AssistiveTouch Speak Screen **Audio Playback**: Audio formats supported: AAC (8 to 320 Kbps), Protected AAC, HE-AAC, MP3 (8 to 320 Kbps), MP3 VBR, Dolby Digital (AC-3), Dolby Digital Plus (E-AC-3), Audible (formats 2, 3, 4, Audible Enhanced Audio, AAX, and AAX+), AIFF, and WAV User-configurable maximum volume limit **Video Playback**: H.264 video up to 4K, 30 frames per second, High Profile level 4.2 with AAC LC audio up to 160 Kbps, 48kHz, stereo audio or Dolby Audio up to 1008 Kbps, 48kHz, stereo or multichannel audio, in .m4v, .mp4, and .mov file formats; MPEG 4 video up to 2.5 Mbps, 640 by 480 pixels, 30 frames per second, Simple Profile with AAC LC audio up to 160 Kbps per channel, 48kHz, stereo audio or Dolby Audio up to 1008 Kbps, 48kHz, stereo or multichannel audio, in .m4v, .mp4, and .mov file formats; Motion JPEG (M JPEG) up to 35 Mbps, 1280 by 720 pixels, 30 frames per second, audio in ulaw, PCM stereo audio in .avi file format Mail attachment Support: .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf	

(contact information); .xls and .xlsx (Microsoft Excel); .zip; .ics

Environmental Requirements:

Operating ambient temperature:0° to 35° C

Non operating temperature:–20° to 45° C

Relative humidity: 5% to 95% noncondensing

Operating altitude: tested up to 3,000 meters

Accessories

Must have at least sleeve **or smart cover** for the mobile device

Warranty and Support

1 year limited warranty and 90 days complimentary telephone technical support with regional service center / partner

Protection Plan

An additional/extended 1-year warranty.

Direct access to experts

Carry – in repair

Hardware coverage

Unit

Battery

Port

Usb and power adapter

2. Printer (All in One)

Function: Print , copy, scan

Print Speed: **At least 32 ppm (letter,Draft)**
                   At least 22 ppm (letter, ISO black)
                   At least 18 ppm (letter, ISO color)

Print Resolution: Black(best): At least 1200 x 1200 dpi

                   Color(best): At least 4800 x 1200 dpi

Print Technology: Thermal Inkjet

Borderless Printing: Yes (up to letter and A4)

Energy Star: Yes

Scan Type: Easy slide-off glass

                   2-sided Automatic Document Feeder

	Contact Image Sensor	
	Scan Resolution: Max 1200 x 1200 dpi (both hardware and optical)	
	Scan File Format: JPG, BMP, TIFF, PDF, RTF, TXT, PNG	
	Scan Size (Max.): ADF: 8.5 x 14 inches	
	Flatbed: 8.5 x 11.7 inches	
	Scanner Features: Optical Character Recognition	
	1-click customizable scan to cloud destination	
	Create editable	
	Searchable document	
	Dropbox	
	Google Drive	
	One Drive	
	Copy speed: At least Black (ISO): 21 cpm	
	At least Color (ISO): 15 cpm	
	Copy Resolution: Maximum 600 x 600 dpi (black and color, text and graphics)	
	Copy Resize: 25 – 400%	
	Copier Settings: Copies; Two-Sided; Lighter/Darker; Copy Fix; ID Copy; Resize; Quality; Paper Size;	
	Paper Type; Collate; Margin Shift; Crop;Copy Preview; Enhancements	
	Connectivity: 1 USB 2.0; 1 Host USB (print from JPEG,TIFF,DPOF 1.1, Exif 2.3, PNG); 1 Ethernet; 1	
	Wireless 802.11b/g/n; 2 RJ-11 modem ports	
	Yes, via built-in Ethernet, wireless 802.11b/g/n	
	At least compatible with Apple AirPrint™; Mobile Apps; Wi-Fi® Direct Printing; Mopria™ Certified; Smart	
	Memory : At least 512MB	
	Processor Speed: At least 1.2 Ghz	
	Control Panel: At least 6.75 cm touchscreen with color graphic display	
	At least 3 buttons	

Duty Cycle: 25,000 pages per month

Media Types: Plain Paper, Photo Papers, Matte Brochure or Professional Paper, Matte

Presentation Paper, Glossy Brochure or Professional Paper, Other Photo Inkjet

Papers, Other Matte Inkjet Papers, Other Glossy Inkjet Papers, Thick Plain Paper,

Light/Recycled Plain Paper, Tri-fold Brochure Paper, Glossy

Media Sizes: Letter; Legal; Government Legal; Executive; Statement; 3 x 5 in; 4 x 6 in; 5 x 7 in; 13 x

18 cm; 8 x 10 in; 10 x 15 cm; L; Photo 2L; Envelope(#10, Monarch, 5.5 bar); Card (3 x 5

in, 4 x 6 in, 5 x 8 in)

Paper Handling: 250-sheet input tray; Up to 100 sheets with Smart output management; Duplex

Options: Automatic (standard); Auto Document Feeder Capacity: Standard, 35 sheets;

Envelope Feeder: No; Standard Paper Trays: 1; Input Capacities: Up to 250 sheets

standard; Up to 30 envelopes; Up to 50 sheets; Up to 50 sheets labels; Up to 250

sheets legal; Output Capacities: Up to 60 sheets standard; Up to 10 envelopes; Up to

30 cards; Up to 30 sheets labels; Up to 60 sheets legal

Dimension W x D x H: Must not exceed 18 x 21 x 12 inches

Compatible Operating Systems:

Windows 10, 8.1, 8, 7,Windows Server 2008 R2 64-bit, Windows Server 2008 R2

64-bit (SP1), Windows Server 2012 64-bit, Windows Server 2012 R2 64-bit, Windows

Server 2016

Compatible Network Operating Systems:

Windows 10, 8.1, 8, 7: 32-bit or 64-bit

Power: Internal Universal Power Supply

100 – 240 VAC (+/- 10%) 50/60 Hz

Warranty: One-year limited hardware warranty

3. Compact/Portable Scanner

Scan Technology: CMOS CIS

Scan Speed ADF: At least 30 ppm (letter)

File Format: For text & images: PDF, JPEG, PNG, BMP, TIFF, Text (.txt), Rich Text (rtf) and Searchable PDF

Energy Star: Yes

Scan Resolution: At least 600 dpi (hardware and optical; color and mono)

Media Size: U.S.-Letter: 215.9 x 279.4 mm (8.5 x 11 in); U.S.-Legal: 215.9 x 355.6 mm (8.5 x 14 in); U.S.-Executive: 184.2 x 266.7 mm (7.25 x

10.5 in); ISO A4: 210 x 297 mm (8.3 x 11.7 in); JIS B5: 182 x 257 mm (7.2 x 10.1 in); ISO B5: 176 x 250 mm (7.0 x 9.9 in); ISO A5:

148 x 210 mm (5.8 x 8.3 in); ISO A6: 105 x 148 mm (5.8 x 4.1 in); ISO A7: 74 x 104 mm (2.9 x 4.1 in); ISO A8: 52 x 74 mm (2.0 x

2.9 in)

Media Weight: Able to handle at least 50 – 180 g/m2

Dimension   Must not exceed 300 x 173 x 154 mm (W x D xH)

Duty Cycle: At least 2000 pages per day

ADF Capacity: At least 50 sheets

Connectivity: USB 2.0

Memory: At least 64 **MB**

Control Panel: Scan button, Power button with a LED and a LED for Error indication

Compatible Operating Systems:

OS X Mavericks 10.9, OS X Yosemite 10.10, OS X El Capitan 10.11, Microsoft® Windows® 10, 8.1, 8, 7: 32-bit or 64-bit

Warranty: 1 Year Limited Warranty

Electromagnetic emission standard: Class B Emissions; CISPR 22:2008 (International); European Union EMC Directive 2014/30/EU, EN 55022:2010 (CE mark); EN 61000-3-2:2014 (harmonics); EN 61000-3-3:2013 (flicker); Immunity CISPR 24:2010, EN 50024:2010

Safety Approvals and Requirements: IEC 60950-1:2005 +A1+A11+A12 and all applicable amendments; CSA/UL 60950-1, 2nd edition (2007); EN 60950-1:2006 +A11

+A1 +A12+A2; EAC safety

4. DSLR Camera

Image Sensor: APS-C CMOS Sensor

Effective Pixels: At least 24 MP

Image Processor: Must be enable to enhance and speed up operations while shooting stills or moving images; provide high light sensitivity for high resolution with minimal noise or dirt in dark conditions; capture actions shots with quick continuous shooting.

AF Points: At least 45 all cross type

AF method: Face+Tracking, Smooth zone, Live 1-point AF Manual focus (approx. 5x / 10x magnification possible)

Effective ISO: Min. 100 – Max. 25600

Aspect Ratio: 3:2, 4:3, 16:9, 1:1

Built – in Flash: Retractable and auto pop-up

Anti-flicker: Yes

Shutter Speed: must 1/4000 to 30 sec

Continuous Shooting Speed: Max. approximately 6.0 shots /sec

Exposure Compensation: Manual: ±5* stops in 1/3- or 1/2-stop increments

AEB: ±2 stops in 1/3- or 1/2-stop increments

AF in Live View: At least Dual Pixel CMOS AF system

Creative filter: Grainy B/W, Soft focus, Fish-eye effect, Art bold effect,

Water painting effect, Toy camera effect, Miniature effect

Movie recording format: Mp4

HDR Movie: Yes

Movie recording size and frame rate: Full HD (1920x1080) : 59.94p / 50.00p / 29.97p / 25.00p/23.98p

HD (1280x720) : 59.94p / 50.00p / 29.97p / 25.00p

VGA (620x480) : 29.97p / 25.00p

Digital Zoom: Up to 10x

Built-in mic: Yes at least stereo

LCD Monitor: At least or equivalent Vari-angle 3.0 inch, 1.04 mil dots TFT, Touch Panel

Connection: Wifi, Bluetooth, and NFC

Image Resolution: At least capable of the following:

	L (Large) : 24.0 megapixels (6000 x 4000)	
	M (Medium) : Approx. 10.6 megapixels (3984 x 2656)	
	S1 (Small 1) : Approx. 5.9 megapixels (2976 x 1984)	
	S2 (Small 2) : Approx. 3.8 megapixels (2400 x 1600)	
	RAW : 24.0 megapixels (6000 x 4000)	
	Image Style: Auto, Standard, Portrait, Landscape, Fine Detail, Neutral, Faithful, Monochrome, User Defined 1 - 3	
	Manual Focus: Yes	
	Memory Card Type: SD / SDHC* / SDXC* memory cards *Compatible with UHS-I cards	
	Metering Mode: 7560-pixel RGB plus IR metering, Evaluative, Partial, Spot, Centre-weighted average	
	Peripherals Connections: Hi-Speed USB equivalent, GPS Receiver GP-E2, Connect Station CS100 connection;	
	HDMI mini OUT terminal Type C (Auto switching of resolution) CEC-compatible;	
	3.5 mm diameter stereo mini-jack Directional Stereo Microphone DM-E1 connection;	
	For Remote Switch RS-60E3;	
	Compatible with Wireless Remote Control BR-E1	
	(Bluetooth connection) and Remote Controller RC-6;	
	Sensor Size: APS-C	
	Shooting Mods: Scene Intelligent Auto, Flash Off, Creative Auto, Portrait,Landscape, Close-up, Sports, Special scene modes (Group Photo, Kids, Food, Candlelight, Night Portrait, Handheld Night Scene, HDR Backlight Control), Creative filters (Grainy B/W, Soft focus, Fish-eye effect, Water painting effect, Toy camera effect, Miniature effect, HDR art standard, HDR art vivid, HDR art bold, HDR art embossed)	
	Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure	
	Lens Kit: At least 18mm – 135mm	
	same brand as the body	
	Battery Pack: LP-E17	
	Number of shots: With viewfinder shooting: Approx. 600 shots at room temperature (23°C/73°F), approx. 550 shots at low temperatures (0°C/32°F)	
	With Live View shooting: Approx. 270 shots at room temperature (23°C/73°F), approx. 230 shots at low temperatures (0°C/32°F)	

	*With a fully-charged Battery Pack LP-E17. **Still Image Format:** JPEG, RAW, RAW + JPEG **Viewfinder Coverage:** 95% **Viewfinder type:** Eye-level pentamirror **Weight (with kit lenses):** 1035 **White Balance:** Auto, Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash), Custom White Balance correction and White balance bracketing possible *Flash color temperature information transmission enabled **X-sync (sec):** 1/200 **Accessories:** Must include carry in bag	

Conforme:

_____
Name of Bidder's Representative

_____
Signature