



BIDS AND AWARDS COMMITTEE I

Supplemental/Bid Bulletin No. 2

SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT FOR THE BUREAU OF FIRE PROTECTION (BFP)

Bid Reference No.: GPG-B1-2020-100

Approved Budget for the Contract: P 59,732,997.92

This **Supplemental/Bid Bulletin No. 2** is being issued to advise concerned parties on the amendments to some provisions of the Bidding Documents and reply to queries raised by suppliers through letters/emails for the information of all bidders for the aforesaid project.

A. SUBMISSION AND OPENING OF BIDDING DOCUMENTS

FROM	TO
UNTIL FURTHER NOTICE	22 JAN 2021, 9:00AM (Friday)

B. AMENDMENTS TO THE BIDDING DOCUMENTS:

Section VI. Schedule of Requirements					
FROM			TO		
Section VI. Schedule of Requirements			Section VI. Schedule of Requirements (Revised)		
1.	SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT FOR THE BUREAU OF FIRE PROTECTION (BFP)	Within one hundred (100) calendar days from receipt of Notice to Proceed (NTP) Delivery Place: See Terms of Reference- Section VIII – B: Delivery Places	1.	SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT FOR THE BUREAU OF FIRE PROTECTION (BFP)	Within one hundred (100) calendar days from receipt of Notice to Proceed (NTP) Delivery Place: See Terms of Reference Section VIII – B: Delivery Places
2.	Section VII. Technical Specifications	To be submitted on Bid Submission and Opening Date	2.	Section VII. Technical Specifications (Revised)	To be submitted on Bid Submission and Opening Date

Section VII. Technical Specifications			
FROM		TO	
Section VII. Technical Specifications		Section VII. Technical Specifications (Revised)	
SPECIFICATIONS	BIDDER'S STATEMENT OF COMPLIANCE	SPECIFICATIONS	BIDDER'S STATEMENT OF COMPLIANCE
SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT TERMS OF REFERENCE AS OF 21 JUNE 2019 PER ANNEX I		SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT TERMS OF REFERENCE AS OF 21 JUNE 2019 PER ANNEX I	
ADDENDUM TO SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT TERMS OF REFERENCE AS OF 21 JUNE 2019 PER ANNEX I-A		ADDENDUM TO SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT TERMS OF REFERENCE AS OF 21 JUNE 2019 PER ANNEX I-A	
ADD		ADDENDUM TO SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT TERMS OF REFERENCE AS OF 21 JUNE 2019 PER ANNEX I-B As received by PITC on 15 Jan 2021	

Section VIII. Checklist of Technical and Financial Documents	
Checklist of Technical and Financial Documents	Checklist of Technical and Financial Documents (2nd Revised)

C. BIDDER’S QUERY

ACCEL PRIME TECHNOLOGIES, INC

We are requesting to completely revise some of the items, since most of them are obsolete and 3-year-old technology.

In line with this, we suggest the following below

Page 40, Under II. TECHNICAL REQUIREMENTS

QUERY	RESPONSE
<p>A. ICT Devices and Equipment</p> <p>Item No. 10 55” LARGE FORMAT DISPLAY MONITOR</p> <p>a. Features</p> <ul style="list-style-type: none"> • Slim, even bezel and chassis • USB playback photos, music & video • Easy multi-screen setups • Remote configuration and content management • Multiple HDMI devices control • Wireless content sharing across devices <p>b. Display</p> <ul style="list-style-type: none"> • Panel Size 55" • Type/ Tech "TFT LCD Module. IPS type, DLED backlight" • Display Area (mm) 1209.6 (H) x 680.4 (V) (55” diagonal) • Native Resolution 3840 x 2160 • Colors 1.07B colors • Brightness 400 nits (typ.) • Response Time: at least 8 ms • Viewing Angles: at least H = 178, V = 178 typ. • Backlight Life: 30,000 Hours Min • Shall have: Surface Treatment Anti-Glare, 2H, Haze 3% <p>c. Connectivity</p> <ul style="list-style-type: none"> • INPUT HDMI x2 DVI x1 Audio x1 (3.5mm) RS-232 x1 IR Pass Thru x1 • OUTPUT Audio x1 (RCA) SPDIF x1 (Fiber) IR Pass Thru 	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>

<p>x1 LAN RJ45 x1 USB Type A 2.0 Type A : x2 (USB Playback)</p> <p>d. Dimensions</p> <ul style="list-style-type: none"> Physical (inch / mm) 48.94 x 28.11 x 2.94 in/1243.2 x 714 x 74.8 mm <p>e. Accessories</p> <ul style="list-style-type: none"> Shall include Remote Control with batteries, Quick Start Guide, Power Cables (1.8M), HDMI cable (1.8M), RS232 cable (1.8M) 	
<p>B. ICT Equipment for Conference Room cum War Room</p>	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>
<p>Item 1. INTERACTIVE FLAT PANEL</p> <p>a. Interactive flat panel shall enable multiple users write or draw on the screen with their fingers and styluses.</p> <p>b. Shall have a built-in Dual Core ARM processor with 2GB DDR4 RAM, 16GB Storage and All-in-one USB port, Smart Port (combine Windows/Android USB port; no need to distinguish them anymore) with Slot-in PC</p> <p>c. Display shall provide powerful computing for annotation and multimedia playback without the need for PC</p> <p>d. Shall be VESA-compatible design and can be placed on a wall mount, or on an optional trolley cart.</p> <p>e. Shall be integrated with built-in out of the box annotation and content sharing capabilities, can also be upgraded to wirelessly and securely display media from any range of devices such as tablets, laptops and mobile phones.</p> <p>f. Shall be remotely controllable nationwide for the Agency future system upgrade (Optional)</p> <p>g. Display</p> <ul style="list-style-type: none"> Panel Size: at least 86" Native Resolution: at least UHD 3840x2160(Pixels) Brightness 350 nits (typ.) 300 nits (min.) Response Time: Maximum of 8ms Touch Resolution 32767 x 32767 Touch Point 20 points touch, 10 points writing <p>h. Embedded player</p> <ul style="list-style-type: none"> Android Version: At least 7 	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>

<ul style="list-style-type: none"> • RAM: 2GB DDR4 • Storage: at least 16gb • REGULATIONS FCC, cTUVus, CB, CE, BSMI, RCM, BIS, CCC, EAC • Energy Star version ES8.0 • EEI rating EEI rating A+ <p>i. Motorized stand:</p> <ul style="list-style-type: none"> • Built-in power supply • Integrated on screen control • 90-degree tilting for tabletop mode • Integrated tray for pens and other items • Swivel: 360 degree • Height Adjust: At least 560mm • Control Panel: Control Pad, Physical button control, software control for Interactive Flat Panel. 	
<p><i>Item 2. TABLE HUB (REPLACES “Digital Audio Processor with 6 speakers”) * 2 Speakers each Region</i></p>	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>
<p>a. Features:</p> <ul style="list-style-type: none"> • Single cable (CAT6A) connection to Rally • Display Hub (16.4 ft (5m) CAT6A Ethernet cable included, supports customer-supplied cables up to 164 ft (50 m)) • Active speaker detection: analyzes audio from up to 7 Mic Pods and 56 beams every 8ms • 12 Pin connector for Rally Mic Pod • HDMI Type A for wired content sharing • HDMI Type A for display • Power input • USB Type C (Ultra HD / 4K capable) • USB Type A (reserved for future capability) • USB Type B (connects to meeting room computer) • RJ45 (Ethernet) • Bluetooth® wireless technology <p>b. Speaker</p> <ul style="list-style-type: none"> • High-performance 3” (76mm) driver 	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>

<ul style="list-style-type: none"> • Patent pending suspension system eliminates vibration-induced camera shake and audio interference • Mini XLR cable (9.6 ft (2.95m)) connects to Rally Display Hub for both signal and power 	
<p>Item 3. MIC POD With Display Hub (REPLACES “Central Unit with Sixteen (16) Wired Microphones”) * 5 Mic Pods each Region</p>	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>
<ul style="list-style-type: none"> a. Mic Pod (5mic pods) <ul style="list-style-type: none"> • Pickup range: 15 ft / 4.5m diameter • Four microphones with eight beamforming elements • Mute button with LED status indicator • Captive cable: 9.6 ft (2.95m) • Daisy chain up to 5 Rally Mic Pods b. Display Hub <ul style="list-style-type: none"> • HDMI Type A (x2) (connects to displays) • Power input • USB C (connects to Rally Camera) • USB Type B (connects to meeting room computer) • RJ45 (connects to Table Hub) • Mini XLR (x2) (connects to Rally Speakers) • Powers one or two Rally Speakers c. Accessories <ul style="list-style-type: none"> • Camera to Display Hub: atleast 6.5 ft (2m) USB 3.1 Type C to USB Type C 3.1 • Conference Room Computer to Display or Table Hub: atleast 6.5 ft (2m) USB 3.1 Type A to USB Type B • Display Hub to Table Hub: atleast 16.4 ft (5m) CAT6A Ethernet cable (supports Conference Room Computer to Displays (x2): atleast 6.5 ft (2m) HDMI A • Mic Pod: 9.6 ft (2.95m): Hardwired with 12 pin connector • Power Outlets to Power Supplies (x2): 3.2 ft (1m) • Power Supplies to Table Hub / Display Hub (x2): 4.9 ft (1.5m) 	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>
<p>Item 4. Web Camera for the Teleconferencing (Updates the previous specification)</p>	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>

<p>* 1 Camera each Region</p> <ul style="list-style-type: none"> • Ultra-HD imaging system supports: • 4K, 1440p, 1080p, 900p, 720p, and SD at 30fps • 1080p, 720p at 30 fps and 60 fps • Smooth motorized pan, tilt and zoom • Pan: ±90° • Tilt: +50° / -90° • 15x HD zoom • 90° field of view • Adaptive pan and tilt speed up to 70°/second • (slows when zoomed in for easier control) • Automatic inversion detection to correct image • orientation and camera controls when mounted upside down • Autofocus • 3 camera presets • Kensington® security slot • Video mute/unmute LED indicator • Standard tripod thread 	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>
<p>Item 5. 55" LCD Display Full HD LED (Video-Wall/Industrial) (Updates previous specs)</p>	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>
<ul style="list-style-type: none"> a. Screen Size 55" b. Panel Technology: IPS c. Native Resolution: 1,920 × 1,080 (FHD) d. Brightness (Typ.): Atleast 700 nit e. Contrast Ratio: atleast 1,200 : 1 f. Dynamic CR1): atleast 500,000 : 1 g. Color Gamut: NTSC 72 % NTSC 68 % h. Viewing Angle: (H × V) 178 × 178 i. Response Time: Maximum 8 ms (G to G) j. Surface Treatment Haze 3 % Haze 3 % k. Operation Hours (Hours / Day) 24 / 7 24 / 7 l. Portrait / Landscape Yes / Yes m. Features: Temperature Sensor, FAN (Only 55"), Embedded CMS (Local Contents Scheduling), USB Plug & Play, Fail Over, Background 	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>

Image (Bootimg Logo Image, No Signal Image), Sync Mode (RS-232C Sync), Rotation (Screen Rotation), Tile Mode Setting (Max. 15 × 15), Setting Data Cloning, SNMP, ISM Method, Auto Set ID, Crestron Connected@2), Smart Energy Saving, PM Mode, Wake on LAN, HDMI-CEC3), SI Server Setting, W/B Setting by Grey Scale, Scan Inversion	
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PRONET SYSTEMS INTEGRATED NETWORK SOLUTION, INC

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<p>Item 5. 55" LCD Display Full HD LED (Video-Wall/Industrial) (Updates previous specs)</p>	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>
<ul style="list-style-type: none"> a. Screen Size 55" b. Panel Technology: IPS c. Native Resolution: 1,920 × 1,080 (FHD) d. Brightness (Typ.): Atleast 700 nit e. Contrast Ratio: atleast 1,200 : 1 f. Dynamic CR1): atleast 500,000 : 1 g. Color Gamut: NTSC 72 % NTSC 68 % h. Viewing Angle: (H × V) 178 × 178 i. Response Time: Maximum 8 ms 	<p>Please see attached addendum to Terms of Reference dated as of 21 June 2019.</p>

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Bidders must use and submit, **Section VI. Schedule of Requirements (Revised) and Section VII. Technical Specifications (Revised)**, together with other required documents for the bid opening on **22 JAN 2021, 9:00AM (Friday)**. Please use the **Checklist of Technical and Financial Documents (2ND Revised)** as reference.

This **Supplemental/Bid Bulletin No. 2** shall form part of the Bidding Documents. Any provision in the Bidding Documents inconsistent herewith is hereby amended, modified and superseded accordingly.

For the guidance and information of all concerned.

Issued this 15th day of January 2021 in Makati City.

Reviewed and approved by:

(SGD)CHRISTABELLE P. EBRIEGA
Chairperson, Bids and Awards Committee I

(SGD)MYRA CHITELLA T. ALVAREZ
Vice Chair

(SGD)JOEL S. RODRIGUEZ
Member

(SGD)ATTY. ROXANNE MARIE Q. CRUZ
Member

(SGD)ATTY. MITZELL ARTHUR R. MAGDAONG
Member

Concurred by:

(SGD)CSUPT LOUIE S PURACAN
Provisional Member, BFP

(SGD)SSUPT VONRAD FERNANDO B DOBLUIS
Alternate Provisional Member, BFP

Received by:

(SIGNATURE OVER PRINTED NAME & DATE)

NAME OF COMPANY

(PLEASE RETURN OR FAX THIS PAGE ONLY TO THE PITC BAC-I)

Section VI. Schedule of Requirements (Revised)

Item	Description	Delivery Date																						
1.	SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT FOR THE BUREAU OF FIRE PROTECTION (BFP)	<p>Within one hundred (100) calendar days from receipt of Notice to Proceed (NTP)</p> <p>Delivery Place: Please refer to Section VIII B-of the BFP Terms of Reference for the Delivery Places and Section IX for the Distribution List</p>																						
2.	Section VII. Technical Specifications (Revised)	To be submitted on Bid Submission and Opening Date																						
3.	<p>SPECIFY THE BRAND AND MODEL NUMBER BEING OFFERED FOR THE FOLLOWING EQUIPMENT IN THE LOTS</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Lot- I : ICT Devices and Equipment</th> <th style="text-align: center;">Brand and Model No.</th> </tr> </thead> <tbody> <tr> <td>1. Laptop</td> <td></td> </tr> <tr> <td>2. Server (For Active Directory and DNS, Database)</td> <td></td> </tr> <tr> <td>3. Tablet</td> <td></td> </tr> <tr> <td>4. Satellite Phones</td> <td></td> </tr> <tr> <td>5. Rugged Laptop</td> <td></td> </tr> <tr> <td>6. ADF Scanner</td> <td></td> </tr> <tr> <td>7. UPS</td> <td></td> </tr> <tr> <td>8. Desktop PC with Dual Monitor and 1 KVA UPS</td> <td></td> </tr> <tr> <td>9. Heavy Duty Fax Machine</td> <td></td> </tr> <tr> <td>10. 55" LED Monitor</td> <td></td> </tr> </tbody> </table>	Lot- I : ICT Devices and Equipment	Brand and Model No.	1. Laptop		2. Server (For Active Directory and DNS, Database)		3. Tablet		4. Satellite Phones		5. Rugged Laptop		6. ADF Scanner		7. UPS		8. Desktop PC with Dual Monitor and 1 KVA UPS		9. Heavy Duty Fax Machine		10. 55" LED Monitor		
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4.	<p>Product Brochure and/or Technical Data Sheet of the equipment being offered showing compliance to the technical specifications and features for the following equipment:</p> <table border="1"> <thead> <tr> <th data-bbox="328 943 971 1003">Lot- I : ICT Devices and Equipment</th> </tr> </thead> <tbody> <tr> <td data-bbox="328 1003 971 1055">1. Laptop</td> </tr> <tr> <td data-bbox="328 1055 971 1122">2. Server (For Active Directory and DNS, Database)</td> </tr> <tr> <td data-bbox="328 1122 971 1173">3. Tablet</td> </tr> <tr> <td data-bbox="328 1173 971 1225">4. Satellite Phones</td> </tr> <tr> <td data-bbox="328 1225 971 1276">5. Rugged Laptop</td> </tr> <tr> <td data-bbox="328 1276 971 1328">6. ADF Scanner</td> </tr> <tr> <td data-bbox="328 1328 971 1379">7. UPS</td> </tr> <tr> <td data-bbox="328 1379 971 1447">8. Desktop PC with Dual Monitor and 1 KVA UPS</td> </tr> <tr> <td data-bbox="328 1447 971 1498">9. Heavy Duty Fax Machine</td> </tr> <tr> <td data-bbox="328 1498 971 1550">10. 55" LED Monitor</td> </tr> <tr> <th data-bbox="328 1550 971 1601">Lot II : Conference Room cum War Room</th> </tr> <tr> <td data-bbox="328 1601 971 1653">1. Interactive Flat Panel</td> </tr> <tr> <td data-bbox="328 1653 971 1720">2. Digital Audio Processors with Six (6) Speakers</td> </tr> <tr> <td data-bbox="328 1720 971 1787">3. Central Unit with Sixteen (16) units Wired Microphone</td> </tr> <tr> <td data-bbox="328 1787 971 1839">4. Web Camera for Teleconferencing</td> </tr> <tr> <td data-bbox="328 1839 971 1906">5. 55" LCD Display Full HD LED (Video wall/Industrial)</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li data-bbox="347 1906 995 2007">• If not in English, must be subject to requirement per Clause 10.3 of the Instructions to Bidders. 	Lot- I : ICT Devices and Equipment	1. Laptop	2. Server (For Active Directory and DNS, Database)	3. Tablet	4. Satellite Phones	5. Rugged Laptop	6. ADF Scanner	7. UPS	8. Desktop PC with Dual Monitor and 1 KVA UPS	9. Heavy Duty Fax Machine	10. 55" LED Monitor	Lot II : Conference Room cum War Room	1. Interactive Flat Panel	2. Digital Audio Processors with Six (6) Speakers	3. Central Unit with Sixteen (16) units Wired Microphone	4. Web Camera for Teleconferencing	5. 55" LCD Display Full HD LED (Video wall/Industrial)	To be submitted on Bid Submission and Opening Date
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5.	<p>Valid and Current Certificate of Distributorship / Dealership / Resellership for the following items being offered, issued by the principal or manufacturer of the product (if Bidder is not the manufacturer). If not issued by manufacturer, must also submit certification/document linking bidder to the manufacturer</p> <table border="1" data-bbox="328 421 975 1330"> <tr> <th colspan="2" data-bbox="328 421 975 481">Lot- I : ICT Devices and Equipment</th> </tr> <tr> <td data-bbox="328 481 975 528">1. Laptop</td> <td data-bbox="328 528 975 598">2. Server (For Active Directory and DNS, Database)</td> </tr> <tr> <td data-bbox="328 598 975 645">3. Tablet</td> <td data-bbox="328 645 975 692">4. Rugged Laptop</td> </tr> <tr> <td data-bbox="328 692 975 739">5. ADF Scanner</td> <td data-bbox="328 739 975 786">6. UPS</td> </tr> <tr> <td data-bbox="328 786 975 855">7. Desktop PC with Dual Monitor and 1 KVA UPS</td> <td data-bbox="328 855 975 902">8. Heavy Duty Fax Machine</td> </tr> <tr> <td data-bbox="328 902 975 949">9. 55" LED Monitor</td> <td data-bbox="328 949 975 1019">Lot II : Conference Room cum War Room</td> </tr> <tr> <td data-bbox="328 1019 975 1066">1. Interactive Flat Panel</td> <td data-bbox="328 1066 975 1135">2. Digital Audio Processors with Six (6) Speakers</td> </tr> <tr> <td data-bbox="328 1135 975 1205">3. Central Unit with Sixteen (16) units Wired Microphone</td> <td data-bbox="328 1205 975 1252">4. Web Camera for Teleconferencing</td> </tr> <tr> <td data-bbox="328 1252 975 1321">5. 55" LCD Display Full HD LED (Video wall/Industrial)</td> <td data-bbox="328 1321 975 1391"></td> </tr> </table> <p>If not in English, must be subject to requirement per Clause 10.3 of the Instructions to Bidders</p>	Lot- I : ICT Devices and Equipment		1. Laptop	2. Server (For Active Directory and DNS, Database)	3. Tablet	4. Rugged Laptop	5. ADF Scanner	6. UPS	7. Desktop PC with Dual Monitor and 1 KVA UPS	8. Heavy Duty Fax Machine	9. 55" LED Monitor	Lot II : Conference Room cum War Room	1. Interactive Flat Panel	2. Digital Audio Processors with Six (6) Speakers	3. Central Unit with Sixteen (16) units Wired Microphone	4. Web Camera for Teleconferencing	5. 55" LCD Display Full HD LED (Video wall/Industrial)		To be submitted on Bid Submission and Opening Date
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	<p>Bidder's Certification:</p> <ol style="list-style-type: none"> 1. That it has at least one service technician available to provide quick on-site support. 2. That it shall secure Site Installation Certification of Readiness approved by the Chief, ICT Management Service, BFP National Head Quarters once a contract is awarded. 	To be submitted on Bid Submission and Opening Date																		

6.	<p>Certificate of Performance Evaluation with a rating of at least Very Satisfactory, issued by bidder's Single Largest Completed Contract Client the bidder on the following parameters.</p> <ul style="list-style-type: none"> a) Timely delivery; b) Compliance to Specifications and Performance; c) Warranty; and d) After Sales Service <p>Sample Format attached as Annex II</p>	To be submitted on Bid Submission and Opening Date
7.	<p>Omnibus Sworn Statements (Revised) using the form prescribed.</p>	To be submitted on Bid Submission and Opening Date
8.	<p>Bid Form and Price Schedule(s)</p>	To be submitted on Bid Submission and Opening Date
9.	<p>Countertrade Undertaking Annex IV</p>	To be submitted on Post Qualification
10.	<p>Bidder's Certification</p> <ul style="list-style-type: none"> 1. That it has no overdue deliveries or unperformed services intended for PITC and/or BFP. 2. That it did not participate as a consultant in the preparation of the design or technical specification of the GOODS subject of the bid. 	To be submitted on Post Qualification
11.	<p>Technology Turnover and Training Requirement</p> <p>Lot- I : ICT Devices and Equipment Provide one (1) day product operations, care, maintenance and basic troubleshooting on satellite phone for at least two (2) BFP personnel per region at the expense of the supplier.</p> <p>Lot II : Conference Room cum War Room Provide one (1) day product operations, care, maintenance and basic troubleshooting on all items indicated herein for at least two (2) BFP personnel at the expense of the supplier.</p>	To be submitted if Awarded the Contract

12.	Warranty Certificate for the following lot:		To be submitted if Awarded the Contract
	Lot	Warranty	
	1	At least three (3) years for the Server (LAN, DNS, Database) on parts, labor and on-site services	
		At least three (3) years for all the other ICT Devices and Equipment on parts and services.	
		Technical support and assistance for the equipment should be provided for at least one (1) year after completion of installation	
2	At least one (1) year on parts and services.		
	Technical support and assistance for the equipment should be provided for at least one (1) year after completion of installation		
Warranty period shall commence from the date of acceptance by the end user after inspection and testing of PITC and BFP after inspection			
13.	As one of documentary requirements for payment (as applicable), submit certified true copy of pertinent tax receipts and duties paid on the imported parts/equipment pursuant to COA Memo No. 90-684 dated Dec.05,1990/Administrative Order No. 200 dated Nov. 20,1990. For locally purchased materials, the BIR registered sales invoice of the seller is applicable.		Documentary requirement for Payment

I hereby certify to comply and deliver all the above requirements.

_____	_____	_____
Name of Company/Bidder	Signature Over Printed Name of Representative	Date

Section VII. Technical Specifications (Revised)

Bidders must state here either “Comply” or any equivalent term in the column “Bidder’s Statement of Compliance” against each of the individual parameters of each “Specification.”

SPECIFICATIONS	BIDDER’S STATEMENT OF COMPLIANCE
SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT TERMS OF REFERENCE AS OF 21 JUNE 2019 PER ANNEX I	
ADDENDUM TO SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT TERMS OF REFERENCE AS OF 21 JUNE 2019 PER ANNEX I-A	
ADDENDUM TO SUPPLY, DELIVERY AND INSTALLATION OF ICT MACHINERY AND EQUIPMENT TERMS OF REFERENCE AS OF 21 JUNE 2019 PER ANNEX I-B As received by PITC on 15 Jan 2021	

I hereby certify to comply and deliver all the above requirements.

Name of Company/Bidder	Signature Over Printed Name of Representative	Date
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TECHNICAL SPECIFICATIONS



Republic of the Philippines
Department of the Interior and Local Government
Bureau of Fire Protection
NATIONAL HEADQUARTERS
Agham Road, Sitio San Roque, Brgy. Bagong Pag-asa, Quezon City



TERMS OF REFERENCE
as of 21 June 2019

Number: DICTM-TOR 2019-01B
Name of Project: Supply, Delivery and Installation of ICT MACHINERY AND EQUIPMENT

I. SYSTEM COMPONENTS:

A. ICT Devices and Equipment

- 1. Laptop
2. Server (For Active Directory and DNS)
3. Tablet
4. Satellite Phones
5. Rugged Laptop
6. Scanner
7. Uninterruptible Power Supply
8. Desktop PC with Dual Monitor and 1 KVA UPS
9. Heavy Duty Fax Machine
10. 55" LFD Monitor

B. ICT Equipment for Conference Room

- 1. Interactive Flat Panel
2. Digital Audio Processor with six (6) Speakers
3. Central Unit with Sixteen (16) units Wired Microphones
4. Web Camera for Teleconferencing
5. 55" LCD Display Full HD LED (Video wall/ Industrial)

II. TECHNICAL REQUIREMENTS

A. ICT DEVICES AND EQUIPMENT

1. Laptop

- a. Processor: Latest Generation of at least Intel Core i5 Processor
b. Memory: At least 8GB DDR4 onboard
c. Storage/ Hard Disk: At least 250 GB Solid State Drive
d. Display Screen: At least 13.3" diagonal with a minimum of FHD UWVA (1920 x 1080) ultra slim touch screen with damage and scratch resistant glass.
e. Graphics/Video Processor: At least Intel HD Graphics 620 with shared video memory
f. Video Camera: At least 720p HD webcam
g. Network Interface: Intel Dual Band 802. 11a/b/g/n/ac (2x2) and Bluetooth 4.2 Combo
h. Standard I/O Ports: At least one (1) USB Type-C with Thunderbolt 3
i. At least 2 x USB 3.1 Gen 1 (1 charging)
j. At least 1 x HDMI 1.4
k. At least 1 x 3.5mm Headphone/microphone combo jack
l. 1 x Micro-SD Card Reader (supports SDXC) Smart Card Reader

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TECHNICAL SPECIFICATIONS

- m. Pointing Device: ClickPad (Glass Cover), Taps enabled as default, Gestures enabled by default
- n. Battery: Long Life 3 cell, 57Wh Li-on polymer (Supports battery fast charge) Up to 16 Hours
- o. Operating System: Pre-loaded with Windows 10 Pro OS, with built-in recovery for OS, drivers and utilities
- p. Power Supply: At least 65W Smart AC adapter (with Power Cord and AC wall Plug)
- q. Accessories: USB-C to HDMI Adapter
 - USB-C to VGA Adapter
 - Laptop Sleeve
- r. Batteries & Power Supplies shall be guaranteed for 5 years.
- s. With Security Software built in the BIOS.

2. Server (For Active Directory and DNS)

- a. Processor: At least Intel Xeon Gold 5518 2.3GHz with at least 12 Cores and 16MB Cache
- b. Drive Bays: Able to support at least 16 x 2.5 SAS/SATA (HDD/SSD) and 8x NVMe SSD max 112TB support 6Gbps
- c. GPU Memory: At least 32 GB of GDDR5 Memory (At least 8 per GPU)
- d. At least 8 x USB 3.0 ports (6 rear + 2 via header)
- e. At least two (2) of at least 1 Terabyte SATA III
- f. Memory Module Slots: 24 x DDR4 288-pins DIMM slots
- g. At least 16GB (2 x 8GB) DDR4 RDIMM
- h. Supports RAID 0, 1, 5, 10
- i. On board Dual-port 10Gbe, Support 10Base-T, 100BaseTX, 1000Base-T and 10GBASE-T, RJ45 outputd
- j. At least 19" LED Monitor
- k. DVD+/- RW SATA 24x
- l. USB Optical Mouse
- m. USB Keyboard
- n. Hot-Plug Redundant at least 1,100watts power supply unit
- o. LCD UPS of at least 2000VA, 1200Watts

3. Tablet

- a. Operating System: Android or IOS
- b. SIM : Single
- c. SIM card size: Nano-SIM
- d. Network: 2G, 3G, 4G/LTE
- e. Size (Main Display) : At least 8, with stylus support
- f. Color Depth (Main Display): At least 16M
- g. At least 8 Cores
- h. RAM Size (GB): At least 3GB
- i. ROM Size (GB): At least 32GB
- j. External Memory Support: Up to 1TB
- k. Video Recording Resolution: At least 1080p @30 fps
- l. Front Camera – Resolution: 5MP

TECHNICAL SPECIFICATIONS

- m. Main Camera: At least 8 MP
- n. USB: At least 2.0 Type-C
- o. WiFi: 802.11a/b/g/n 2.4 + 5 GHz

4. Satellite Phones

- a. Size: At least 128 x 53 x 27 mm
- b. Weight: At least 186g with battery
- c. Service: Satellite calls and satellite SMS
- d. Network Frequency: L- band
- e. Satellite Antenna: Omni directional (walk-and-talk functionality)
- f. Battery Life - Talk Time: Up to at least 6 hours
- g. Battery Life - Standby time: Up to at least 80 hours
- h. Network Features: Call barring, Call diverting, Conference calls, Call waiting, Closed User Group, Voice Mail
- i. Organizer: Alarms, Calendar, Calculator, Stopwatch, World time
- j. External Interfaces:
 - UDC data cable with USB connector
 - earphone jack (2.5mm)
 - DC power

5. Rugged Laptop

- a. Ruggedness: MIL-STD 810G and IP65 certified
- b. Operating System: Win 10 Pro 64-Bit
- c. Processor: At least Dual Core with at least 3MB Cache and at least 2.40 GHz
- d. Memory: At least 8GB DDR4
- e. Storage: At least 256GB Solid State Drive
- f. Graphics: At least Intel HD Graphics 520
- g. Display: At least 11.6 inches HD
- h. Connectivity: 10/100/1000 gigabit Ethernet
- i. Wireless LAN: 802.11ac, dual band with Bluetooth
- j. Webcam: At least 8MP Bottom rear camera with flash
- k. Power: 65W, 100-240VAC, 50/60Hz
- l. Battery: 56Wh Capacity, 4-cell, Lithium-ion
- m. Memory Card Reader: 8 in 1
- n. Dimension: maximum of 321x284x47 mm
- o. I/O Interfaces: DC, USB 3.0, USB 2.0, Network (RJ-45), Headphone out/Mic-in Combo x 1 HDMI x 1

6. Scanner

- a. Scanner Type: Desktop Type Sheet Fed Scanner
- b. Document Feeding: Automatic and manual sheet feeding
- c. Daily Scan Volume: At least 4,000 pages/day
- d. Resolution: At least 600 dpi
- e. Light Source: RGB LED
- f. Scanning Speed: At least 45ppm/90 ipm, at 200dpi, A4/B&W, grayscale, 30ppm/60ipm, at 200dpi, A4/color

TECHNICAL SPECIFICATIONS

- g. Feeder Capacity: Up to 60 sheets ; Handles small documents such as ID cards, embossed cards
- h. Paper Size: Width: up to 8.5", Length: up to 14", Long
- i. Document mode: up to 118"
- j. Standard Connectivity: Hi-Speed USB (USB 2.0)
- k. Useful Features – The scanner shall have all of the following features: Automatic Page Size Detection, Deskew, 3-Dimensional, Colour Correction, Colour Dropout (RGB), Colour, Enhancement (RGB), Auto Colour Detection, Shadow, Cropping, MultiStream, Adjustable gamma settings, Skip Blank Page, Folio Mode, Scan Area Setting, Batch Separation with white blank sheet or patchcode, Moiré Reduction, Prevent Bleed Through/Remove, Background, Contrast Arrangement, Background Smoothing, Shadow Cropping, Auto Resolution, Setting, Double Feed Release, Double Feed Detection, (Ultrasonic Sensor, Length)
- l. Scanning side: Front / Back / Duplex
- m. Bundled Software: ISIS / TWAIN Driver (Windows VISTA SP2 / 7 SP1 / 8 / 8.1 / Server 2008 R2 SP1 / Server 2012 R2) and with photo processing software.

7. Uninterruptible Power Supply

- a. FEATURES
 - VA: At least 1000
 - WATTS: At least 600
 - Back-up time: At least 45 min at Full Load
- b. INPUT
 - Rated voltage 230 V
 - Voltage tolerance 140 - 300 V
 - Rated frequency 50/60 Hz with automatic selection
- c. OUTPUT
 - Rated voltage: 230 V ±10%
 - Rated frequency: 50/60 Hz
 - Wave form: Step wave
 - Protection: Overload, significant discharge and short circuit
 - Connections: 4 x universal standard sockets (6 A)
- d. BATTERIES:
 - Type: Sealed lead-acid maintenance free - expected life 3/5 years
- e. COMMUNICATION
 - Interfaces - USB
 - Local communication software - Local View
- f. UPS CABINET
 - Dimensions(W x D x H): Maximum of 130 x 320 x 182 mm
 - Weight: Maximum of 4.4 kg

8. Desktop PC with Dual Monitor and UPS

- a. Desktop PC
 - Processor: Latest generation of at least Intel Core i7
 - Memory: At least 8 GB DDR4 RAM

TECHNICAL SPECIFICATIONS

- Video Card: At least 4GB 128 bit DDR5
- HDD: At least 250GB SATA SSD
- Monitor: At least 18.5" LED, quantity: 2
- Optical Drive: At least 8x Super Multi Drive
- Power Supply: At least 600W true rated
- Accessories: Standard USB Keyboard and USB Optical Mouse

b. 1kVA UPS

- Output power capacity: At least 700Watts / 1.4kVA
- Nominal Output Voltage: 230V
- Topology: Line Interactive
- Output Connections: (2) IEC 320 C13 (Battery Backup)
- Nominal Input Voltage: 230V
- Input frequency 50/60 Hz +/- 3 Hz (auto sensing)
- Input Connections IEC-320 C14, NEMA 5-15P
- Input voltage range for main operations 150 - 280 V
- Number of Power Cords: at least 2
- Type of Input Protection Required 3-pole breaker
- Maximum Input Current: 6.0A
- Input Power Factor at Full Load: 0.5
- Battery type: Maintenance-free sealed Lead-Acid battery with suspended electrolyte and leakproof
- Included Battery Modules: At least 1
- Expected Battery Life: 2 – 5 years
- Control panel:
 - LED status display
 - Replace Battery and Overload indicators
- Audible Alarm:
 - Alarm when on battery
 - Distinctive low battery alarm
 - Overload continuous tone alarm
- Restriction of Hazardous Substances (RoHS) Compliant
- At least 10 minutes runtime at 375 Watts of load.

9. Heavy Duty Fax Machine

a. Basic Specs:

- Functions: Print, Scan, Copy, Fax
- Print Speed: At least 24 ppm
- Paper Type: Plain Paper, Thin Paper, Thick Paper, Recycled Paper, Bond Paper, Labels and Envelopes

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Handwritten initials: *PS*.

Handwritten signature.

Handwritten initials: ** PH*, *PH*, *PH*, *PH*.