H E A D Q U A R T E R S P H I L I P P I N E A R M Y PHILIPPINE ARMY BIDS AND AWARDS COMMITTEE 2 Fort Andres Bonifacio, Taguig City

Supplemental / Bid Bulletin No. 2

SIG PABAC2 007-23 Procurement of One (1) Lot for PA Information System Development

The Philippine Army Bids and Awards Committee 2 decided to amend the following provisions of the Bidding Documents:

Reference									Amendi	nents	/Incl	usions	6	
	Description Qty			ABC		[Des	Description Qty		ABC				
	Server		3						Serv	er	3			
	Develop Worksta		2							elopers kstation	2			
Section I. Invitation to	Desktop Computer117Laptop Computer i73Laptop Computer i52		117	Php 10,672,000.00			Desktop Computer Laptop Computer i7 Laptop Computer i5			139				
Bid			3						3	Php 10,672,000.00		0.00		
										2				
	UPS 60 watts	UPS 6000 1 vatts			UPS 6000 watts		1							
	19.3 Th	ne Pro	oject sh	t shall be awarded		19.3 The Project shall be			be av	be awarded as				
	as one contract.				0	n	e co	ntract.						
	Descri	ption	Qty	ABC		1	Description Server		Qty	ABC				
Section III. Bid	Server Develop Worksta		3 2						Deve	er elopers kstation	3 2			
Data Sheet	Desktop Computer Laptop Computer i7 Laptop Computer i5		117	Php 10,672,000.0			0		Des		139			
			3			72,000.00			Lapt	-		Php 10,672,000.00		0.00
			2						Laptop Computer i5		2			
	UPS 60 watts	00	1						UPS 6000 watts		1			
	ltem Nr		Description						em Nr	-		Qty		
		Serve	er			3				Server			3	
Section VI.		Devel	Developers Worksta Desktop Computer		tion	2				Developers Works		ation	2	
Schedule of		Deskt				117				Compute	ter 139			
Requirements			op Computer i7		ter i7 3						omputer i7		3	
			Laptop Computer i5		ter i5						omputer i5		2	
			6000 watt		01	1		UPS 6000 watts			1			
	Server	Descrip	otion			/Unit 3		0	Description Server		on	Qt	y/Unit 3	
				-						-				
Annex 6-A	Developers Workstation Desktop Computer				n 2 117			Developers Workstation		2 139				
Schedule of	Laptop					3		Desktop Computer			3			
Requirements									Laptop Computer i7					
	Laptop							Laptop Computer i5		2				
	0P5 60	UPS 6000 watts		1			UPS 6000 watts				1			



	Conforme:				Conforme:			
	Bidder's Company Name				Bidder's Company Name			
Annex 6-C	Signature of Authorized Representative Designation				Signature of Authorized Representative Designation			
				Se	ee Attach	ed.		
	Description	Qty	ABC		Description	Qty	ABC	
	Server	3	ABO		erver	3	ABO	
	ex 10-B	2			evelopers /orkstation	2		
Annex 10-B Financial Bid Form				esktop omputer	139			
	Laptop Computer i7	3	Php 10,672,000.00		aptop omputer i7	3	Php 10,672,000.00	
	Laptop Computer i5	2			aptop omputer i5	2		
	UPS 6000 watts	1		-	PS 6000 atts	1		

The Supplemental/Bid Bulletin No. 2 shall be considered an integral part of the bidding documents.

l ALVIN FL DRES Brigadier General, PA Chairperson







Designation

Date





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HEADQUARTERS PHILIPPINE ARMY OFFICE OF THE ASSISTANT CHIEF OF STAFF FOR COMMAND AND CONTROL, COMMUNICATIONS, CYBER SYSTEMS, G6 Fort Andres Bonifacio, Metro Manila

PA SPECS NR: ICT 02-01-2023

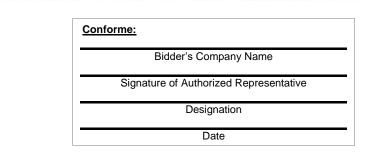
TECHNICAL SPECIFICATIONS FOR COMPUTERS AND END-DEVICES

TECHNICAL DATA	REQUIREMENT	
Operating System	Windows 10 Pro 64-Bit or later	
Processor	Minimum Intel Core i5 11 TH Gen	
Graphics	Intel UHD Graphics	
Display	21.5-inch display monitor	
Memory	16GB DDR4	
Storage	1TB HDD 7200 RPM 256GB SSD M.2	
Optical Drive (Optional)	8x Super-Multi drive	
Input	Keyboard and Mouse	
Interfaces/Ports	4x USB 3.0 4x USB 2.0 1x HDMI Port 3x Audio Jack	
Network and Communication	Gigabit Ethernet 10/100/1000 802.11ax/ac/a/b/g/n, Wi-Fi 6 Bluetooth 5	2
Power Supply	180W	
Accessories	USB Wired Keyboard and Mouse	
Warranty	Two (2) years	

2. Developer Workstation

REQUIREMENT	
Windows 10 Pro 64-Bit or later	
Minimum Intel Core i7 11 TH Gen	
NVIDIA GeForce GT730 2GB DDR5	
21.5-inch display monitor	
16GB DDR4	
1TB HDD 7200 RPM 256GB SSD M.2	
8x Super-Multi drive	
Keyboard and Mouse	
4x USB 3.0 4x USB 2.0 1x HDMI Port	
	Windows 10 Pro 64-Bit or later Minimum Intel Core i7 11 TH Gen NVIDIA GeForce GT730 2GB DDR5 21.5-inch display monitor 16GB DDR4 1TB HDD 7200 RPM 256GB SSD M.2 8x Super-Multi drive Keyboard and Mouse 4x USB 3.0 4x USB 2.0

Page 1 of 4





POTTOR THE MADE



	3x Audio Jack
Network and Communication	Gigabit Ethernet 10/100/1000 802.11ax/ac/a/b/g/n, Wi-Fi 6 Bluetooth 5
Power Supply	180W
Accessories	USB Wired Keyboard and Mouse
Warranty	Two (2) years

3. Laptop Computer i5

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TECHNICAL DATA	REQUIREMENT
Operating System	Windows 10 Pro 64-Bit or later
Processor	Minimum Intel Core i5 11 TH Gen
Graphics	Dedicated GPU
Display	14-inch FHD 1920x1080
Memory	16GB DDR4
Storage	1TB HDD 256GB SSD
I/O Ports	HDMI 2.0 USB Gen 1 USB 3.2 Gen 2 Network (RJ45) Headphone/Speaker Jack
Input	Built-in Keyboard and Touchpad
Battery	3-cell Lithium Ion Up to 13hours
Camera	720p HD
Card Reader	SD Card Reader
Audio	Built-in Speakers Built-in microphone
Network and Communication	802.11 a/b/g/n/acR2 +ax wireless LAN Dual Band (2.4Ghz and 5Ghz) Bluetooth 5.1 Gigabit Ethernet 10/100/1000, Wake-on-Lan Ready
Accessories	Laptop Bag AC Power Adapter Manual
Warranty	One (1) year

4. Laptop Computer i7

TECHNICAL DATA	REQUIREMENT
Operating System	Windows 11 Pro 64-Bit
Processor	Minimum Intel Core i7 11th Gen
Graphics	NVIDIA GeForce MX330 2GB DDR5
Display	14-inch FHD 1920x1080
Memory	16GB DDR4
Storage	1TB HDD 256GB SSD
I/O Ports	1x HDMI 2.0 USB Gen 1

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			Conforme:	t
			Bidder's Company Name	—
			Signature of Authorized Representative	—
			Designation	
			Date	—
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	USB 3.2 Gen 2
	Network (RJ45)
	Headphone/Speaker Jack
Input	Built-in Keyboard and Touchpad
Potton	3-cell Lithium Ion
Battery	Up to 13hours
Camera	720p HD
Card Reader	SD Card Reader
Audio	Built-in Speakers
Audio	Built-in microphone
	802.11 a/b/g/n/acR2 +ax wireless LAN
Network and	Dual Band (2.4Ghz and 5Ghz)
Communication	Bluetooth 5.1
	Gigabit Ethernet 10/100/1000, Wake-on-Lan Ready
	Laptop Bag
Accessories	AC Power Adapter
	Manual
Warranty	One (1) year

5. Printer - 4-in-1

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TECHNICAL DATA	REQUIREMENT
Functions	Print, Copy, Scan, Fax with ADF
Print Method	Piezoelectric
Print Speed	Draft, A4 (Black/Colour) • Up to 33.0 ppm / 15.0 ppm Photo Default – 10x15 cm /4x6" • Approx. 90 sec per photo (Borderless)
Maximum Resolution	5760 x 1440 dpi
Copying	Copies from Standalone: up to 99 copies Maximum Copy Resolution: up to 600x600 dpi Maximum Copy Size: Legal
Scanning	Sensor Type: CIS Optical Resolution: up to 1200 x 2400 dpi Scan Area: Up to 216 x 297 mm
Power	Rated voltage: AC 220-240V
Inclusions	Black Ink Cartridge Cyan Ink Cartridge Magenta Ink Cartridge Yellow Ink Cartridge Power cord; Manual
Warranty:	One (1) year warranty

6. UPS 6000 VA

TECHNICAL DATA	REQUIREMENT
UPS Type	Rack
Phase	1 Phase in / 1 Phase out
Rating (VA)	6000 VA
Nominal Power (W)	6000W



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Page 3 of 4

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208/220/230/240 VAC VAC	
110~300VAC ± 3% at 50% load	
176~300VAC ± 3% at 100% load	
46~54 Hz	
50Hz / 56~64 Hz	
60Hz	
≧0.99	
THDi < 4% @100% Load	
< 6% @50% Load	
One (1) year warranty	
	110~300VAC ± 3% at 50% load 176~300VAC ± 3% at 100% load 46~54 Hz 50Hz / 56~64 Hz 60Hz ≧0.99 THDi < 4% @100% Load < 6% @50% Load

7. Server

TECHNICAL DATA	REQUIREMENT			
Processor	Intel® Xeon Silver 4126 2.1G, 16C/32T, 9.6T/s, 22M Cache Turbo, HT (100W) DDR4-2400, OEM XL (2x) (minimum)			
Memory	32GB RDIMM DDR4 3200MT/s, Dual Rank (2x)			
Network	Broadcom 5720 Dual Port 1Gbe Base-T Adapter, PCIe Full Height			
Storage	2.4TB 10K RPM SAS 12Gbps 512e 21.5in Hot-plug Hard Drive (RAID 5) (6x) (minimum)			
Power Supply	Dual, Hot-plug, Redundant 500W (minimum)			
Power Cord	C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)			
Chassis	8 x 2.5 Hot Plug Hard Drives			
Raid Controller	PERC H730P			
Operating System	Windows Server 2019 Standard 16Core, Media Kit, Multi Language			
Warranty	Two (2) years parts and service			

Prepared By:

JERMAINE A GENTILES

Captain (SC) PA Technical Officer

Recommended By:

CONSTANCIO M ESPINA II

Colonel GSC (SC) PA AC of S for C4S, G6, PA Noted By:

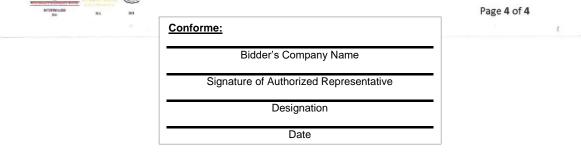
AGUSTIN G MATIB JR Lt Colonel SC (GSC) PA Chairperson, TWG for MITHI ICT

Approved By:

ROMEO'S BRAWNER JR Lieutenant General PA Commanding General, PAL



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TAP for COMPUTERS AND END-DEVICES PA TAP NR ICT-01-04-2021

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H E A D Q U A R T E R S P H I L I P P I N E A R M Y OFFICE OF THE ASSISTANT CHIEF OF STAFF FOR COMMAND AND CONTROL, COMMUNICATIONS, CYBER SYSTEMS, G6 Fort Andres Bonifacio, Metro Manila

PA TAP ICT-02-01-2023

TEST AND ACCEPTANCE PROCEDURES FOR COMPUTERS AND END-DEVICES

A. DESKTOP COMPUTER

1. GENERAL

1.1 **SCOPE**: The Test Parameters and Procedures is applicable for both Post-Qualification and Product Delivery Acceptance of Desktop Computer.

1.2 REFERENCE: Technical Specification of Desktop Computer.

1.3 **OBJECTIVE**: To determine the completeness, functionality, license validity and operational capabilities of the Desktop Computer being delivered and its compliance to standards enumerated in the bidding document.

1.4 **AUTHORITY:** The Acceptance Test Procedure (ATP) is being conducted in line with the provisions of the bidding documents.

1.5 **METHODOLOGY:** Visual inspections and Functional Tests of delivered Desktop Computer.

1.6 **POLICIES AND PROCEDURES:** Test Parameters and Procedures for the procurement of Desktop Computer.

1.6.1 The tests shall check the completeness and functionality of delivered Desktop Computer.

1.6.2 The rating system that will be involved in the Acceptance Test will be passed or failed only.

1.6.3 The acceptance test shall be composed of visual inspection and functional tests on the Desktop Computer.

2. TEST PARAMETERS AND PROCEDURES

2.1 VISUAL INSPECTION PARAMETERS AND PROCEDURES:

2.1.1 Overall Workmanship:

2.1.1.1 Equipment Needed: None

2.1.1.2 Purpose: To determine the physical durability and

overall workmanship of the Desktop Computer. 2.1.1.3 **Procedure:** Visually inspect the overall workmanship of

the Desktop Computer. 2.1.1.4 Standard: There should be no dents, cracks and other

surface defects on the Desktop Computer. Markings and labels should be visible, clear and readable. Equipment should conform to product specifications in the tech specs.

Page 1 of 19 Procurement of Computers and End-Devices

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ltem Nr	Visual Inspections Checklist		Pass	Fail
1	System Unit			
2	Accessories USB Keyboard and Mouse			
		Monitor		
3	Warranty Cer	tificate		

2.2 COMPLETENESS:

2.2.1 Equipment Needed: None

2.2.2 **Purpose:** To determine the completeness of the Desktop Computer and its accessories.

2.2.3 Procedure: Check and count if the Desktop Computer and accessories are present.

2.2.4 Standard: The Desktop Computer and accessories must be 100% complete.

Item Nr	Qty	Unit	Particulars	Pass/Fail
1		unit	System Unit	
2		unit	Monitor	
3		unit	Keyboard	
4		unit	Mouse	
5		pc	Warranty Certificate	

2.3 FUNCTIONAL TESTING PARAMETERS AND PROCEDURES:

2.3.1 Functionality:

2.3.1.1 Equipment Needed: Electrical outlet

2.3.1.2 Purpose: To determine if the system specifications and

functionality of the Desktop Computer.

2.3.1.3 Procedures:

2.3.1.3.1 Plug the equipment at the outlet.

2.3.1.3.2 Power on the equipment

2.3.1.3.3 Check the system general information

2.3.1.3.4 Perform system test/operations

2.3.1.3.5 Perform equipment reboot.

2.3.1.3.6 Standard: Equipment must conform to the

tech specs

ltem Nr		Pass	Fail	
1	Processor: N	linimum Intel Core i5		_
2	Operating Sy			
3	Memory: 16G	iB		
	Hand Drives	1TB HDD SATA		
4	Hard Drive:	256GB SSD- Entry level		
5	Network	Connected to WIFI and LAN		

2.4. FUNCTIONALITY TEST FOR MONITOR

2.4.1. Equipment Needed: Electrical Outlet

2.4.2. Purpose: To determine if the monitor is functional.

2.4.3. Procedures:

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TAP for COMPUTERS AND END-DEVICES PA TAP NR ICT-01-04-2021

- 2.4.3.1. Plug the monitor at the outlet.
 - 2.4.3.2. Power on the monitor
 - 2.4.3.3. Check the monitor display
 - 2.4.3.4. Click monitor buttons
 - 2.4.3.5. Power off and on the monitor

2.5. FUNCTIONALITY TEST FOR MOUSE

- 2.5.1.1. Equipment Needed: Desktop Computer
- 2.5.1.2. Purpose: To determine if the mouse is functional.
- 2.5.1.3. Procedures:
 - 2.5.1.3.1. Power on the Desktop Computer.
 - 2.5.1.3.2. Connect the mouse to the Desktop Computer.
 - 2.5.1.3.3. Check the synchronization of curser and mouse

movement.

- 2.5.1.3.4. Click all buttons of the mouse
- 2.5.1.3.5. Disconnect the mouse and reconnect the mouse

2.6. FUNCTIONALITY TEST FOR KEYBOARD

- 2.6.1. Equipment Needed: Desktop Computer
- 2.6.2. Purpose: To determine if the keyboard is functional.
- 2.6.3. Procedures:
 - 2.6.3.1. Power on the Desktop Computer.
 - 2.6.3.2. Connect the keyboard to the Desktop Computer.
 - 2.6.3.3. Open MS Word
 - 2.6.3.4. Type the different keys of the keyboard
 - 2.6.3.5. Disconnect and reconnect the keyboard

3. PASS/FAIL CRITERIA

3.1. The rating will be applied for the evaluation of the delivered desktop computer shall either Pass (P) or Fail (F). Lacking requirements shall be provided. Desktop Computer with in-operational part/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired or replaced by supplier as per provisions of the contract.

3.2. In case one requirement is missing during the visual inspection, the Philippine Army Technical Inspection and Acceptance Committee (PA TIAC) shall decline acceptance of the desktop computers being delivered and thereafter shall inform the BAC in writing of the non-acceptance including the specific reasons for the same.

3.3. In case of failure of any item during functional tests, the supplier shall be given fifteen (15) calendar days for the correction of defects/replacement of defective repair parts. This however does not relieve the supplier of the required period of completion of the project as contained in the schedule of requirements.

3.4. The warranty period shall only take effect upon final acceptance by PA TIAC.

3.5. Failure to comply on this procedure shall entitle the PROCURING ENTITY to reject the whole quantity during the Final Acceptance by PA TIAC.

Page 3 of 19 Procurement of Computers and End-Devices

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9	Conforme:	
-	Bidder's Company Name	
-	Signature of Authorized Representative	•
-	Designation	•
-	Date	•





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4. **RESPONSIBILITIES:** The PA TIAC shall be responsible for the conduct of the Final Acceptance Test and Evaluation.

B. DEVELOPER WORKSTATION

3. GENERAL

3.1 **SCOPE**: The Test Parameters and Procedures is applicable for both Post-Qualification and Product Delivery Acceptance of Developer Workstation.

3.2 **REFERENCE**: Technical Specification of Developer Workstation.

3.3 **OBJECTIVE**: To determine the completeness, functionality, license validity and operational capabilities of the Developer Workstation being delivered and its compliance to standards enumerated in the bidding document.

3.4 **AUTHORITY:** The Acceptance Test Procedure (ATP) is being conducted in line with the provisions of the bidding documents.

3.5 **METHODOLOGY:** Visual inspections and Functional Tests of delivered Developer Workstation.

3.6 **POLICIES AND PROCEDURES:** Test Parameters and Procedures for the procurement of Developer Workstation.

3.6.1 The tests shall check the completeness and functionality of delivered Developer Workstation.

3.6.2 The rating system that will be involved in the Acceptance Test will be passed or failed only.

3.6.3 The acceptance test shall be composed of visual inspection and functional tests on the Developer Workstation.

4. TEST PARAMETERS AND PROCEDURES

4.1 VISUAL INSPECTION PARAMETERS AND PROCEDURES:

4.1.1 Overall Workmanship:

4.1.1.1 Equipment Needed: None

4.1.1.2 **Purpose:** To determine the physical durability and overall workmanship of the Developer Workstation.

4.1.1.3 **Procedure:** Visually inspect the overall workmanship of the Developer Workstation.

4.1.1.4 **Standard:** There should be no dents, cracks and other surface defects on the Developer Workstation. Markings and labels should be visible, clear and readable. Equipment should conform to product specifications in the tech specs.

Item Nr	Visual Inspections Checklist		Pass	Fail
1	System Unit			
2	Accessories USB Keyboard and Mouse			
		Monitor		
3	Warranty Cer	rtificate		

4.2 COMPLETENESS:

4.2.1 Equipment Needed: None

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TAP for COMPUTERS AND END-DEVICES PA TAP NR ICT-01-04-2021

4.2.2 **Purpose:** To determine the completeness of the Developer Workstation and its accessories.

4.2.3 **Procedure:** Check and count if the Developer Workstation and accessories are present.

4.2.4 **Standard:** The Developer Workstation and accessories must be 100% complete.

Item Nr	Qty	Unit	Particulars	Pass/Fail
1		unit	System Unit	
2		unit	Monitor	
3		unit	Keyboard	
4		unit	Mouse	
5		pc	Warranty Certificate	

-

4.3 FUNCTIONAL TESTING PARAMETERS AND PROCEDURES: 4.3.1 Functionality:

4.3.1.1 Equipment Needed: Electrical outlet

4.3.1.2 **Purpose:** To determine if the system specifications and functionality of the Developer Workstation.

4.3.1.3 Procedures:

4.3.1.3.1 Plug the equipment at the outlet.

4.3.1.3.2 Power on the equipment

4.3.1.3.3 Check the system general information

4.3.1.3.4 Perform system test/operations

4.3.1.3.5 Perform equipment reboot.

4.3.1.3.6 Standard: Equipment must conform to the

tech specs

Item Nr		Functional Test Checklist	Pass	Fail
1	Processor: In	tel Core i7 11th Gen		
2	Operating Sy	stem: Windows 10 Pro 64-Bit or later		
3	Memory: 16G	B		
4	Graphics: NV	IDIA GeForce GT730 2GB DDR5		
-		1TB HDD SATA		
5	Hard Drive: 256GB SSD- Entry level			
6	Network	Connected to WIFI and LAN		

6.4. FUNCTIONALITY TEST FOR MONITOR

6.4.1. Equipment Needed: Electrical Outlet

6.4.2. Purpose: To determine if the monitor is functional.

6.4.3. Procedures:

- 6.4.3.1. Plug the monitor at the outlet.
- 6.4.3.2. Power on the monitor
- 6.4.3.3. Check the monitor display
- 6.4.3.4. Click monitor buttons
- 6.4.3.5. Power off and on the monitor

6.5. FUNCTIONALITY TEST FOR MOUSE

6.5.1.1. Equipment Needed: Developer Workstation

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- 6.5.1.2. Purpose: To determine if the mouse is functional.
- 6.5.1.3. Procedures:
 - 6.5.1.3.1. Power on the Developer Workstation.
 - 6.5.1.3.2. Connect the mouse to the Developer Workstation.
 - 6.5.1.3.3. Check the synchronization of curser and mouse

movement.

6.5.1.3.4. Click all buttons of the mouse

6.5.1.3.5. Disconnect the mouse and reconnect the mouse

6.6. FUNCTIONALITY TEST FOR KEYBOARD

- 6.6.1. Equipment Needed: Developer Workstation
- 6.6.2. Purpose: To determine if the keyboard is functional.
- 6.6.3. Procedures:
 - 6.6.3.1. Power on the Developer Workstation.
 - 6.6.3.2. Connect the keyboard to the Developer Workstation.
 - 6.6.3.3. Open MS Word
 - 6.6.3.4. Type the different keys of the keyboard
 - 6.6.3.5. Disconnect and reconnect the keyboard

7. PASS/FAIL CRITERIA

3.6. The rating will be applied for the evaluation of the delivered Developer Workstation shall either Pass (P) or Fail (F). Lacking requirements shall be provided. Developer Workstation with in-operational part/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired or replaced by supplier as per provisions of the contract.

3.7. In case one requirement is missing during the visual inspection, the Philippine Army Technical Inspection and Acceptance Committee (PA TIAC) shall decline acceptance of the Developer Workstation being delivered and thereafter shall inform the BAC in writing of the non-acceptance including the specific reasons for the same.

3.8. In case of failure of any item during functional tests, the supplier shall be given fifteen (15) calendar days for the correction of defects/replacement of defective repair parts. This however does not relieve the supplier of the required period of completion of the project as contained in the schedule of requirements.

3.9. The warranty period shall only take effect upon final acceptance by PA TIAC.

3.10. Failure to comply on this procedure shall entitle the PROCURING ENTITY to reject the whole quantity during the Final Acceptance by PA TIAC.

8. **RESPONSIBILITIES:** The PA TIAC shall be responsible for the conduct of the Final Acceptance Test and Evaluation.



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Conforme:

Bidder's Company Name

Signature of Authorized Representative

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Date





TAP for COMPUTERS AND END-DEVICES PA TAP NR ICT-01-04-2021

C. LAPTOP COMPUTER i5

1. GENERAL

1.1. **SCOPE**: The "Test Parameters and Procedures" is applicable for both Post-Qualification and Product Delivery Acceptance of Laptop Computer i5.

1.2. REFERENCE: Technical Specification of Laptop Computer i5.

1.3. **OBJECTIVE:** To determine the completeness, functionality, license validity and operational capabilities of the Laptop Computer i5 being delivered and its compliance to the standards enumerated in the bidding documents.

1.4. **AUTHORITY:** The Acceptance Test Procedure (ATP) is being conducted in line with the provisions of the bidding documents.

1.5. **METHODOLOGY:** Visual inspections and Functional Tests of delivered Laptop Computer i5.

1.6. **POLICIES AND PROCEDURES:** Test Parameters and Procedures for the procurement of Laptop Computer i5.

1.6.1. The tests shall check the completeness and functionality of delivered Laptop Computer i5.

1.6.2. The rating system that will be involved in the Acceptance Test will be passed or failed only.

1.6.3. The acceptance test shall be composed of visual inspection and functional tests on the Laptop Computer i5.

2. TEST PARAMETERS AND PROCEDURES

2.1. VISUAL INSPECTION PARAMETERS AND PROCEDURES:

2.1.1. Overall Workmanship:

2.1.1.1 Equipment Needed: None

2.1.1.2 **Purpose:** To determine the physical durability and overall workmanship of the Laptop Computer i5.

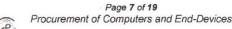
2.1.1.3 **Procedure:** Visually inspect the overall workmanship of the Laptop Computer i5.

2.1.1.4 **Standard:** There should be no dents, cracks and other surface defects on the Laptop Computer i5. Markings and labels should be visible, clear and readable. Equipment should conform to product specifications in the tech specs.

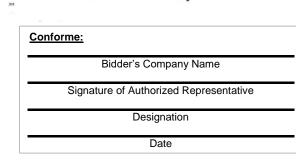
ltem Nr	Visual Inspections Checklist		Pass	Fail
1				
2	Accessories	Laptop Bag		
2	Accessories	AC Power Adapter		
3	User's Manua	al		
4	Warranty Cer	rtificate		

2.2. COMPLETENESS:

2.2.1. Equipment Needed: None



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2.2.2. **Purpose:** To determine the completeness of the Laptop Computer i5 and its accessories.

2.2.3. Procedure: Check and count if the Laptop Computer i5 and accessories are present.

2.2.4. Standard: The Laptop Computer i5 and accessories must be 100% complete.

Item Nr	Qty	Unit	Particulars	Pass/Fail
1	1	unit	Laptop Computer	
2	1	unit	Laptop Bag	
3	1	unit	AC Power Adapter	
4	1	pc	User's Manual	
5	1	pc	Warranty Certificate	

*

2.3. FUNCTIONAL TESTING PARAMETERS AND PROCEDURES:

2.3.1. Functionality:

2.3.1.1. Equipment Needed: Electrical outlet

2.3.1.2. **Purpose:** To determine if the system specifications and functionality of the Laptop Computer i5.

2.3.1.3. Procedures:

2.3.1.3.1. Plug the equipment at the outlet.

2.3.1.3.2. Power on the equipment

2.3.1.3.3. Check the system general information

2.3.1.3.4. Perform system test/operations

2.3.1.3.5. Perform equipment reboot.

2.3.1.3.6. Standard: Equipment must conform to the

tech specs.

Item Nr		Functional Test Checklist	Pass	Fail
1	Processor: I	ntel Core i5 11th Gen		_
2	Operating Sy	stem: Windows 10 Pro 64-Bit or later		1
3	Memory:	16GB DDR4		
4	Hard Drive:	1TB HDD 256GB SSD		
5	Network	Connected to wired and wireless connection		

2.4 FUNCTIONALITY TEST FOR WIRELESS MOUSE

2.4.1 Equipment Needed: Laptop Computer

2.4.2 **Purpose:** To determine if the mouse is functional.

2.4.3 Procedures:

2.4.3.1 Power on the Laptop Computer and Wireless Mouse.

2.4.3.2 Connect the USB mouse adapter to the Laptop Computer.

2.4.3.3 Check the synchronization of curser and mouse

movement.

2.4.3.4 Click all buttons of the mouse.

2.4.3.5 Disconnect the mouse and reconnect the mouse.



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3. PASS/FAIL CRITERIA

3.1. The rating will be applied for the evaluation of the delivered laptop computer i5 shall either Pass (P) or Fail (F). Lacking requirements shall be provided. Laptop Computer i5 with in-operational part/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired or replaced by supplier as per provisions of the contract.

3.2. In case one requirement is missing during the visual inspection, the Philippine Army Technical Inspection and Acceptance Committee (PA TIAC) shall decline acceptance of the Laptop Computer i5 being delivered and thereafter shall inform the BAC in writing of the non-acceptance including the specific reasons for the same.

3.3. In case of failure of any item during functional tests, the supplier shall be given fifteen (15) calendar days for the correction of defects/replacement of defective repair parts. This however does not relieve the supplier of the required period of completion of the project as contained in the schedule of requirements.

3.4. The warranty period shall only take effect upon final acceptance by PA TIAC.

3.5. Failure to comply on this procedure shall entitle the PROCURING ENTITY to reject the whole quantity during the Final Acceptance by PA TIAC.

 RESPONSIBILITIES: The PA TIAC shall be responsible for the conduct of the Final Acceptance Test and Evaluation.

D. LAPTOP COMPUTER i7

4. GENERAL

4.1. **SCOPE**: The "Test Parameters and Procedures" is applicable for both Post-Qualification and Product Delivery Acceptance of Laptop Computer i7.

4.2. REFERENCE: Technical Specification of Laptop Computer i7.

4.3. **OBJECTIVE:** To determine the completeness, functionality, license validity and operational capabilities of the Laptop Computer i7 being delivered and its compliance to the standards enumerated in the bidding documents.

4.4. **AUTHORITY:** The Acceptance Test Procedure (ATP) is being conducted in line with the provisions of the bidding documents.

4.5. **METHODOLOGY:** Visual inspections and Functional Tests of delivered Laptop Computer i7.

4.6. **POLICIES AND PROCEDURES:** Test Parameters and Procedures for the procurement of Laptop Computer i7.

4.6.1. The tests shall check the completeness and functionality of delivered Laptop Computer i7.

4.6.2. The rating system that will be involved in the Acceptance Test will be passed or failed only.

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	Date







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4.6.3. The acceptance test shall be composed of visual inspection and functional tests on the Laptop Computer i7.

5. TEST PARAMETERS AND PROCEDURES

5.1. VISUAL INSPECTION PARAMETERS AND PROCEDURES:

5.1.1. Overall Workmanship:

2.1.1.5 Equipment Needed: None

2.1.1.6 **Purpose:** To determine the physical durability and overall workmanship of the Laptop Computer i7.

2.1.1.7 **Procedure:** Visually inspect the overall workmanship of the Laptop Computer i7.

2.1.1.8 **Standard:** There should be no dents, cracks and other surface defects on the Laptop Computer i7. Markings and labels should be visible, clear and readable. Equipment should conform to product specifications in the tech specs.

ltem Nr	,	Pass	Fail	
1	Laptop Comp			
0	Accessories	Laptop Bag		
2		AC Power Adapter		
3	User's Manua	al		
4	Warranty Cer	rtificate		

5.2. COMPLETENESS:

5.2.1. Equipment Needed: None

5.2.2. **Purpose:** To determine the completeness of the Laptop Computer i7 and its accessories.

5.2.3. Procedure: Check and count if the Laptop Computer i7 and accessories are present.

5.2.4. Standard: The Laptop Computer i7 and accessories must be 100% complete.

Item Nr	Qty	Unit	Particulars	Pass/Fail
1	1	unit	Laptop Computer	
2	1	unit	Laptop Bag	
3	1	unit	AC Power Adapter	
4	1	pc	User's Manual	
5	1	pc	Warranty Certificate	

5.3. FUNCTIONAL TESTING PARAMETERS AND PROCEDURES:

5.3.1. Functionality:

5.3.1.1. Equipment Needed: Electrical outlet

5.3.1.2. **Purpose:** To determine if the system specifications and functionality of the Laptop Computer i7.

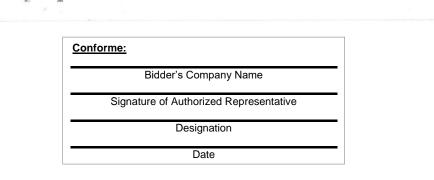
5.3.1.3. Procedures:

- 5.3.1.3.1. Plug the equipment at the outlet.
- 5.3.1.3.2. Power on the equipment
- 5.3.1.3.3. Check the system general information
- 5.3.1.3.4. Perform system test/operations



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5.3.1.3.5. Perform equipment reboot.

5.3.1.3.6. Standard: Equipment must conform to the

tech specs.

Item Nr		Pass	Fail		
1	Processor: In				
2	Operating Sy				
3	Memory:	16GB DDR4			
4	Hard Drive:	1TB HDD 256GB SSD			
5	Network Connected to wired and wireless connection				

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2.5 FUNCTIONALITY TEST FOR WIRELESS MOUSE

2.5.1 Equipment Needed: Laptop Computer

- 2.5.2 Purpose: To determine if the mouse is functional.
- 2.5.3 Procedures:
 - 2.5.3.1 Power on the Laptop Computer and Wireless Mouse.

2.5.3.2 Connect the USB mouse adapter to the Laptop Computer.

2.5.3.3 Check the synchronization of curser and mouse

movement.

2.5.3.4 Click all buttons of the mouse.

2.5.3.5 Disconnect the mouse and reconnect the mouse.

5. PASS/FAIL CRITERIA

5.1. The rating will be applied for the evaluation of the delivered laptop computer i7 shall either Pass (P) or Fail (F). Lacking requirements shall be provided. Laptop Computer i7 with in-operational part/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired or replaced by supplier as per provisions of the contract.

5.2. In case one requirement is missing during the visual inspection, the Philippine Army Technical Inspection and Acceptance Committee (PA TIAC) shall decline acceptance of the Laptop Computer i7 being delivered and thereafter shall inform the BAC in writing of the non-acceptance including the specific reasons for the same.

5.3. In case of failure of any item during functional tests, the supplier shall be given fifteen (15) calendar days for the correction of defects/replacement of defective repair parts. This however does not relieve the supplier of the required period of completion of the project as contained in the schedule of requirements.

5.4. The warranty period shall only take effect upon final acceptance by PA TIAC.

5.5. Failure to comply on this procedure shall entitle the PROCURING ENTITY to reject the whole quantity during the Final Acceptance by PA TIAC.



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6. RESPONSIBILITIES: The PA TIAC shall be responsible for the conduct of the Final Acceptance Test and Evaluation.

E. PRINTER - 4-in-1

1. GENERAL

1.1. **SCOPE**: The "Test Parameters and Procedures" is applicable for both Post-Qualification and Product Delivery Acceptance of the sustainment of Printer.

1.2. REFERENCE: Technical Specification of Printer.

1.3. **OBJECTIVE:** To determine the completeness, functionality and operational capabilities of the Printer being delivered and its compliance to the standards enumerated in the bidding documents.

1.4. **AUTHORITY:** The Acceptance Test Procedure (ATP) is being conducted in line with the provisions of the bidding documents.

1.5. **METHODOLOGY:** Visual inspections and Functional Tests of delivered Printer.

1.6. **POLICIES AND PROCEDURES:** Test Parameters and Procedures for the procurement of Printer.

1.6.1. The tests shall check the completeness and functionality of delivered Printer.

1.6.2. The rating system that will be involved in the Acceptance Test will be passed or failed only.

1.6.3. The acceptance test shall be composed of visual inspection and functional tests on the Printer.

2. TEST PARAMETERS AND PROCEDURES

2.1 VISUAL INSPECTION PARAMETERS AND PROCEDURES:

2.1.1 Overall Workmanship:

2.1.1.1 Equipment Needed: None

2.1.1.2 **Purpose:** To determine the physical durability and overall workmanship of the Printer and its accessories.

2.1.2 Procedure:

- 2.1.2.1 Remove the equipment from its packaging.
- 2.1.2.2 Check the equipment label.

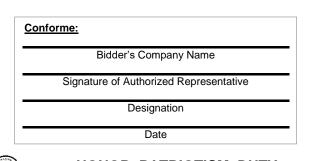
2.1.2.3 Visually inspect the overall workmanship of the Printer.

2.1.3 **Standard:** There should be no dents, cracks and other surface defects of the Printer. Markings and labels should be visible, clear and readable. Equipment should conform to product specifications in the tech specs.

ltem Nr	Visual Inspections Checklist	Pass	Fail
1	Printer and accessories		
2	User's Manual		
3	Warranty Certificate		

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4.2. COMPLETENESS:

2.2.1. Equipment Needed: None

2.2.2. Purpose: To determine the completeness of the Printer and its

accessories.

2.1.4 Procedure: Check and count if the Printer and accessories are

present.

2.1.5 Standard: The Printer and accessories must be 100% complete.

Item Nr	Qty	Unit	Particulars	Pass/Fail
1	1	unit	Printer and accessories	
2	1	рс	User's Manual	
3	1	рс	Warranty Certificate	

4.3. FUNCTIONAL TESTING PARAMETERS AND PROCEDURES: 2.3.1. Functionality:

2.3.1.1. Equipment Needed: Desktop Computer / Laptop

2.3.1.2. **Purpose:** To determine if the system specifications and functionality of the Printer.

2.3.1.3. Procedures:

4.3.1.3.1. Plug the Printer on the AC outlet.

4.3.1.3.2. Connect the equipment on the Desktop

Computer / Laptop

4.3.1.3.3. Power on the Printer.

4.3.1.3.4. Install the printer drivers.

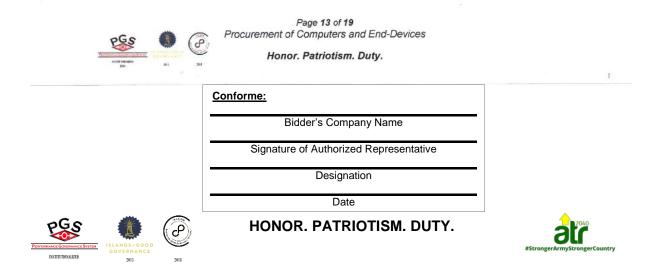
2.3.1.4. **Standard:** The Printer must Print from local and remote Desktop Computer / Laptop, Scan and Copy in black and colored ink.

ltem Nr	Functional Test Checklist	Pass	Fail	
1	Successful test print from Desktop Computer / Laptop to Printer			
2	Successful test print from remote Desktop Computer / Laptop to Printer			
3	Scanned and photocopied documents in black and colored print			
4	Successful send of documents thru Fax			

3. PASS/FAIL CRITERIA

3.1. The rating will be applied for the evaluation of the delivered printer shall either Pass (P) or Fail (F). Lacking requirements shall be provided. Printer with inoperational part/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired or replaced by supplier as per provisions of the contract.

3.2. In case one requirement is missing during the visual inspection, the Philippine Army Technical Inspection and Acceptance Committee (PA TIAC) shall decline acceptance of the Printers being delivered and thereafter shall inform the BAC in writing of the non-acceptance including the specific reasons for the same.



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3.3. In case of failure of any item during functional tests, the supplier shall be given fifteen (15) calendar days for the correction of defects/replacement of defective repair parts. This however does not relieve the supplier of the required period of completion of the project as contained in the schedule of requirements.

3.4. The warranty period shall only take effect upon final acceptance by PA TIAC.

3.5. Failure to comply on this procedure shall entitle the PROCURING ENTITY to reject the whole quantity during the Final Acceptance by PA TIAC.

4. RESPONSIBILITIES: The PA TIAC shall be responsible for the conduct of the Final Acceptance Test and Evaluation.

F. UPS 6000 watts

1. GENERAL

1.1. **SCOPE:** The "Test Parameters and Procedures" is applicable for both Post-Qualification and Product Delivery Acceptance of the sustainment of UPS.

1.2. REFERENCE: Technical Specification of UPS.

1.3. **OBJECTIVE:** To determine the completeness, functionality and operational capabilities of the UPS being delivered and its compliance to the standards enumerated in the bidding documents.

1.4. **AUTHORITY:** The Acceptance Test Procedure (ATP) is being conducted in line with the provisions of the bidding documents.

1.5. **METHODOLOGY:** Visual inspections and Functional Tests of delivered UPS.

1.6. POLICIES AND PROCEDURES:

1.6.1. The tests shall check the completeness and functionality of delivered UPS.

1.6.2. The rating system that will be involved in the Acceptance Test will be passed or failed only.

1.6.3. The acceptance test shall be composed of visual inspection and functional tests on the UPS.

2. TEST PARAMETERS AND PROCEDURES

2.1 Visual Inspection Parameters and Procedures:

2.1.1. Overall Workmanship:

2.1.1.1. Equipment Needed: None

2.1.1.2. **Purpose:** To determine the physical durability and overall workmanship of the UPS.

2.1.1.3. Procedures:

2.1.1.3.1. Remove the equipment from its packaging.

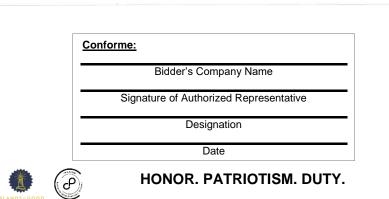
2.1.1.3.2. Check the equipment label.

2.1.1.3.3. Visually inspect the overall workmanship of

the UPS.

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TAP for COMPUTERS AND END-DEVICES PA TAP NR ICT-01-04-2021

2.1.1.4 Standard: There should be no dents, cracks and other surface defects of the UPS. Markings and labels should be visible, clear and readable. Equipment should conform to product specifications in the tech specs.

Item Nr	Visual Inspections Checklist	Pass	Fail
1	UPS and accessories		
2	User's Manual		
3	Warranty Certificate		

2.2 Completeness:

2.2.1 Equipment Needed: None

2.2.2 Purpose: To determine the completeness of the UPS and its

2.2.3 Procedures: Check and count if the UPS and accessories are

accessories. present.

2.2.4 Standard: The UPS and accessories must be 100% complete.

ltem Nr	Unit	Particulars	Pass	Fail
1	unit	UPS and accessories		
2	рс	User's Manual		
3	рс	Warranty Certificate		

Functional Testing Parameters and Procedures: 2.3

2.3.1 Functionality:

	2.3.1.1	Equipment Needed: Desktop Computer, Monitor, and
Power Outlet		
	2.3.1.2	Purpose: To determine if the UPS is operational.
	2.3.1.3	Procedures:
		2.3.1.3.1 Plug the UPS on the AC outlet.
		2.3.1.3.2 Connect a Desktop Computer and monitor on
the UPS		
		2.3.1.3.3 Power on the UPS, Desktop Computer and
monitor.		
		2.3.1.3.4 Unplug the UPS on the power outlet.
		2.3.1.3.5 Perform testing on the alarms.
	2.3.1.4	Standard: The unplugged UPS must keep the Desktop
Computer and mo		

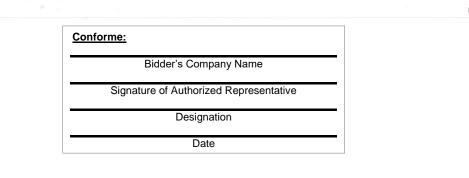
Computer and monitor running.

Item Nr	Functional Test Checklist	Pass	Fail
1	Desktop computer and monitor still running while UPS is unplug.		



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2	Provided audible alarms when changing utility power and UPS power conditions			
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3. PASS/FAIL CRITERIA

3.1. The rating will be applied for the evaluation of the delivered UPS 5000VA shall either Pass (P) or Fail (F). Lacking requirements shall be provided. UPS 5000VA with in-operational part/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired or replaced by supplier as per provisions of the contract.

3.2. In case one requirement is missing during the visual inspection, the Philippine Army Technical Inspection and Acceptance Committee (PA TIAC) shall decline acceptance of the UPS 5000VA being delivered and thereafter shall inform the BAC in writing of the non-acceptance including the specific reasons for the same.

3.3. In case of failure of any item during functional tests, the supplier shall be given fifteen (15) calendar days for the correction of defects/replacement of defective repair parts. This however does not relieve the supplier of the required period of completion of the project as contained in the schedule of requirements.

3.4. The warranty period shall only take effect upon final acceptance by PA TIAC.

3.5. Failure to comply on this procedure shall entitle the PROCURING ENTITY to reject the whole quantity during the Final Acceptance by PA TIAC.

4. **RESPONSIBILITIES:** The PA TIAC shall be responsible for the conduct of the Final Acceptance Test and Evaluation.

G. SERVER

1. GENERAL

1.1. **SCOPE**: The "Test Parameters and Procedures" is applicable for both Post-Qualification and Product Delivery Acceptance of Server

1.2. REFERENCE: Technical Specification of Server

1.3. **OBJECTIVE:** To determine the completeness, functionality, license validity and operational capabilities of the Server being delivered and its compliance to the standards enumerated in the bidding documents.

1.4. **AUTHORITY:** The Acceptance Test Procedure (ATP) is being conducted in line with the provisions of the bidding documents.

1.5. METHODOLOGY: Visual inspections and Functional Tests of delivered Server.

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Signature of Authorized	Representative
Designatio	on
Date	





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1.6. POLICIES AND PROCEDURES: Test Parameters and Procedures for the procurement of Server.

1.6.1. The tests shall check the completeness and functionality of delivered Server.

1.6.2. The rating system that will be involved in the Acceptance Test will be passed or failed only.

1.6.3. The acceptance test shall be composed of visual inspection and functional tests on the Server.

2. TEST PARAMETERS AND PROCEDURES

VISUAL INSPECTION PARAMETERS AND PROCEDURES: 21

2.1.1. Overall Workmanship:

2.1.1.1. Equipment Needed: None

2.1.1.2. Purpose: To determine the physical durability and

overall workmanship of the Server.

2.1.1.3. Procedures:

2.1.1.1.1 Remove the equipment from its packaging.

2.1.1.1.2 Check the equipment label.

2.1.1.1.3 Visually inspect the overall workmanship of

the Server. 2.1.1.2 Standard: There should be no dents, cracks and other

surface defects of the Server. Markings and labels should be visible, clear and readable. Equipment should conform to product specifications in the tech specs.

ltem Nr	Visual Inspections Checklist	Pass	Fail
1	Server		
2	User's Manual		
3	Warranty Certificate		

2.2. COMPLETENESS:

2.2.1. Equipment Needed: None

2.2.2. Purpose: To determine the completeness of the Server and its

accessories.

2.2.3. Procedure: Check and count if the Servers and accessories are

present.

2.2.4. Standard: The Servers and accessories must be 100% complete.

Item Nr	Qty	Unit	Particulars	Pass/Fail
1	1	unit	Server	
2	1	pc	User's Manual	
3	1	pc	Warranty Certificate	
4	1	pc	Windows Server 2019	

2.3. FUNCTIONAL TESTING PARAMETERS AND PROCEDURES:

2.3.1. Functionality:

2.3.1.1. Equipment Needed: Electrical outlet

2.3.1.2. Purpose: To determine if the system specifications and functionality of the Server.

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2.3.1.3. Procedures:

- 2.3.1.3.1. Plug the equipment at the outlet.
- 2.3.1.3.2. Power on the equipment.
- 2.3.1.3.3. Check the system general information.
- 2.3.1.3.4. Perform system test/operations.
- 2.3.1.3.5. Perform equipment reboot.

2.3.1.4. Standard: Equipment must conform to the tech specs

ltem Nr	Functional Test Checklist	Pass	Fail	
1	Processor: Intel® Xeon Silver 4126 2.1G, 16C/32T, 9.6T/s, 22M Cache, Turbo, HT (100W) DDR4-2400, OEM XL (2x) (minimum)			
2	Memory: 32GB RDIMM DDR4 3200MT/s, Dual Rank (2x)			
3	Network: Broadcom 5720 Dual Port 1Gbe Base-T Adapter, PCIe Full Height			
4	Storage: 2.4TB 10K RPM SAS 12Gbps 512e 21.5in Hot-plug Hard Drive (RAID 5) (6x) (minimum)			
5	Power Supply: Dual, Hot-plug, Redundant 500W (minimum)			
6	Power Cord: C13/C14, 4M, 250V, 10A (US, EU, TW, APCC countries except ANZ)			
7	Chassis: 8 x 2.5 Hot Plug Hard Drives			
8	Raid Controller: PERC H730P			
9	Operating System: Windows Server 2019 Standard, 16CORE, Media Kit, Multi Language			

3. PASS/FAIL CRITERIA:

P

3.1. The rating will be applied for the evaluation of the delivered server shall either Pass (P) or Fail (F). Lacking requirements shall be provided. Server with inoperational part/accessories or failed to pass any of the inspection and test parameters shall be corrected, repaired or replaced by supplier as per provisions of the contract.

3.2. In case one requirement is missing during the visual inspection, the Philippine Army Technical Inspection and Acceptance Committee (PA TIAC) shall decline acceptance of the Servers being delivered and thereafter shall inform the BAC in writing of the non-acceptance including the specific reasons for the same.

3.3. In case of failure of any item during functional tests, the supplier shall be given fifteen (15) calendar days for the correction of defects/replacement of defective repair parts. This however does not relieve the supplier of the required period of completion of the project as contained in the schedule of requirements.

3.4. The warranty period shall only take effect upon final acceptance by PA TIAC.

3.5. Failure to comply on this procedure shall entitle the PROCURING ENTITY to reject the whole quantity during the Final Acceptance by PA TIAC.

NUTRY TRAILO	•	Page 18 of 19 Procurement of Computers and End-Devices Honor. Patriotism. Duty.	
		Conforme:	
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		Designation	
		Date	





TAP for COMPUTERS AND END-DEVICES PA TAP NR ICT-01-04-2021

4. **RESPONSIBILITIES:** The PA TIAC shall be responsible for the conduct of the Final Acceptance Test and Evaluation.

Prepared By:

JERMAINE A GENTILES Captain (SC) PA Technical Officer

Recommended By:

Noted By:

AGUSTIN G MATIB JR Lt Colonel SC (GSC) PA Chairperson, TWG for MITHI ICT

Approved By:

CONSTANCIO M ESPINA II Colonel GSC (SC) PA AC of S for C4S, G6, PA

ROMEO S BRAWNER JR Lieutenant General PA Commanding General, PAL

 Conforme:

 Bidder's Company Name

 Signature of Authorized Representative

 Designation

 Date



Note:

The technical specification of the item that will be procured is enclosed in blue square. PA TECH SPECS NR ICT 02-01-2023



