

HEADQUARTERS
PHILIPPINE ARMY
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				Amendments/Inclusions			
Section I. Invitation to Bid	Description	Qty	ABC	Description	Qty	ABC	
	Server	3	Php 10,672,000.00	Server	3	Php 10,672,000.00	
	Developers Workstation	2		Developers Workstation	2		
	Desktop Computer	117		Desktop Computer	139		
	Laptop Computer i7	3		Laptop Computer i7	3		
	Laptop Computer i5	2		Laptop Computer i5	2		
	UPS 6000 watts	1		UPS 6000 watts	1		
Section III. Bid Data Sheet	19.3 The Project shall be awarded as one contract.			19.3 The Project shall be awarded as one contract.			
	Description	Qty	ABC	Description	Qty	ABC	
	Server	3	Php 10,672,000.00	Server	3	Php 10,672,000.00	
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	Desktop Computer	117		Desktop Computer	139		
	Laptop Computer i7	3		Laptop Computer i7	3		
	Laptop Computer i5	2		Laptop Computer i5	2		
	UPS 6000 watts	1		UPS 6000 watts	1		
Section VI. Schedule of Requirements	Item Nr	Description	Qty	Item Nr	Description	Qty	
	1	Server	3	1	Server	3	
		Developers Workstation	2		Developers Workstation	2	
		Desktop Computer	117		Desktop Computer	139	
		Laptop Computer i7	3		Laptop Computer i7	3	
		Laptop Computer i5	2		Laptop Computer i5	2	
		UPS 6000 watts	1		UPS 6000 watts	1	
	Annex 6-A Schedule of Requirements	Description	Qty/Unit		Description	Qty/Unit	
Server		3		Server	3		
Developers Workstation		2		Developers Workstation	2		
Desktop Computer		117		Desktop Computer	139		
Laptop Computer i7		3		Laptop Computer i7	3		
Laptop Computer i5		2		Laptop Computer i5	2		
UPS 6000 watts		1		UPS 6000 watts	1		








Annex 6-C	<div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p><u>Conforme:</u></p> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p style="text-align: center;">Bidder's Company Name</p> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p style="text-align: center;">Signature of Authorized Representative</p> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p style="text-align: center;">Designation</p> </div>	<div style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p><u>Conforme:</u></p> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p style="text-align: center;">Bidder's Company Name</p> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p style="text-align: center;">Signature of Authorized Representative</p> <hr style="border: 0; border-top: 1px solid black; margin: 5px 0;"/> <p style="text-align: center;">Designation</p> </div> <p>See Attached.</p>																																
Annex 10-B Financial Bid Form	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Description</th> <th style="width: 10%;">Qty</th> <th style="width: 60%;">ABC</th> </tr> </thead> <tbody> <tr> <td>Server</td> <td style="text-align: center;">3</td> <td rowspan="6" style="text-align: center; vertical-align: middle;">Php 10,672,000.00</td> </tr> <tr> <td>Developers Workstation</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Desktop Computer</td> <td style="text-align: center;">117</td> </tr> <tr> <td>Laptop Computer i7</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Laptop Computer i5</td> <td style="text-align: center;">2</td> </tr> <tr> <td>UPS 6000 watts</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Description	Qty	ABC	Server	3	Php 10,672,000.00	Developers Workstation	2	Desktop Computer	117	Laptop Computer i7	3	Laptop Computer i5	2	UPS 6000 watts	1	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Description</th> <th style="width: 10%;">Qty</th> <th style="width: 60%;">ABC</th> </tr> </thead> <tbody> <tr> <td>Server</td> <td style="text-align: center;">3</td> <td rowspan="6" style="text-align: center; vertical-align: middle;">Php 10,672,000.00</td> </tr> <tr> <td>Developers Workstation</td> <td style="text-align: center;">2</td> </tr> <tr> <td>Desktop Computer</td> <td style="text-align: center;">139</td> </tr> <tr> <td>Laptop Computer i7</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Laptop Computer i5</td> <td style="text-align: center;">2</td> </tr> <tr> <td>UPS 6000 watts</td> <td style="text-align: center;">1</td> </tr> </tbody> </table>	Description	Qty	ABC	Server	3	Php 10,672,000.00	Developers Workstation	2	Desktop Computer	139	Laptop Computer i7	3	Laptop Computer i5	2	UPS 6000 watts	1
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The Supplemental/Bid Bulletin No. 2 shall be considered an integral part of the bidding documents.


ALVIN V FLORES
 Brigadier General, PA
 Chairperson

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OSAGS
DATE/TIME: 120830 OCT 22
DELIVERED BY: MRS. VAPIM
SECURITY NR: 1149
GU-0082

DISPOSITION FORM		Security Classification (if any): CONFIDENTIAL						
FILE: \\10.50.60.177\Docs Public\OG6 2022 FILES\6- SEIB\4-SDF\25-10-2022 TS and TAP for Advance Procurement 2023\25-10-2022 TS and TAP for Advance Procurement 2023.docx		SUBJECT: Technical Specification with Test and Acceptance Procedure for Advance Procurement of MITHI Project 2023						
TO: CG	FROM: CS	DATE: 13 OCT 2022 CMT NR: MAJ CERVANTES/civc/6810						
THRU: VC		<div style="display: flex; justify-content: space-between;"> <div>  G6 11 OCT 2022 G4 11 OCT 2022 </div> </div>						
SUMMARY:								
<p>1. Reference: Letter from Technical Working Group for Medium-Term Information and Communications Technology Harmonization Initiative (MITHI) ICT Project 2023 dated 30 September 2022 with subject same as above.</p> <p>2. In reference, the Technical Working Group (TWG) for Various ICT Projects under MITHI 2023 completed the appropriate Technical Specification (TS) with Test and Acceptance Procedure (TAP) as one of the documentary requirements for the procurement of Various ICT Projects under MITHI 2023.</p> <p>3. G6 recommends the approval and signature on the attached TS with TAP for the Advance Procurement of the said project.</p>								
RECOMMENDATION:								
<p>4. Approval of and signature on the following Technical Specification with Test and Acceptance Procedures:</p> <ul style="list-style-type: none"> a. Desktop Computer; b. Developer Workstation; c. Laptop Computer i5 and i7; d. 4 in 1 Printer; and e. Uninterrupted Power Supply (UPS) 6000 VA f. Server 								
 CAPULONG								
<table border="1"> <tr> <td>TO: CG FM: VC DATE: 13 OCT 2022 CMT</td> </tr> <tr> <td> RECOMMEND: <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> DIS-APPROVAL <input type="checkbox"/> SIGNATURE <input type="checkbox"/> NOTATION </td> </tr> <tr> <td>  LIGAYO </td> </tr> </table>		TO: CG FM: VC DATE: 13 OCT 2022 CMT	RECOMMEND: <input checked="" type="checkbox"/> APPROVAL <input type="checkbox"/> DIS-APPROVAL <input type="checkbox"/> SIGNATURE <input type="checkbox"/> NOTATION	 LIGAYO	<table border="1"> <tr> <td>APPROVED / DISAPPROVED</td> </tr> <tr> <td>  BRAUNER JR </td> </tr> <tr> <td>DATE: 15 OCT 2022</td> </tr> </table>	APPROVED / DISAPPROVED	 BRAUNER JR	DATE: 15 OCT 2022
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RN: HPAG6/SEIB/SDF/25-10-2022

Conforme:

Bidder's Company Name

Signature of Authorized Representative

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**

1. Desktop Computer

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
Power Supply	180W
Accessories	USB Wired Keyboard and Mouse
Warranty	Two (2) years

2. Developer Workstation

TECHNICAL DATA	REQUIREMENT
Operating System	Windows 10 Pro 64-Bit or later
Processor	Minimum Intel Core i7 11 TH Gen
Graphics	NVIDIA GeForce GT730 2GB DDR5
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



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	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

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 11 th 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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	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

5. Printer – 4-in-1

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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Nominal Voltage	208/220/230/240 VAC VAC
Voltage Range	110~300VAC \pm 3% at 50% load 176~300VAC \pm 3% at 100% load
Frequency Range	46~54 Hz 50Hz / 56~64 Hz 60Hz
Power Factor	\geq 0.99
THDi	THDi < 4% @100% Load < 6% @50% Load
Warranty:	One (1) year warranty

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:

Noted By:

JERMAINE A GENTILES
Captain (SC) PA
Technical Officer

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

Recommended By:

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, PA



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

HEADQUARTERS
PHILIPPINE ARMY
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.

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Procurement of Computers and End-Devices

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

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

Item Nr	Functional Test Checklist	Pass	Fail
1	Processor: Minimum Intel Core i5		
2	Operating System: Windows 10 Pro 64-Bit or later		
3	Memory: 16GB		
4	Hard Drive:		
	1TB HDD SATA		
	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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Procurement of Computers and End-Devices



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- 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.

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Procurement of Computers and End-Devices



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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 Certificate		

4.2 COMPLETENESS:

4.2.1 Equipment Needed: None

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Procurement of Computers and End-Devices



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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: Intel Core i7 11 th Gen		
2	Operating System: Windows 10 Pro 64-Bit or later		
3	Memory: 16GB		
4	Graphics: NVIDIA GeForce GT730 2GB DDR5		
5	Hard Drive: 1TB HDD SATA		
	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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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.

Item Nr	Visual Inspections Checklist	Pass	Fail
1	Laptop Computer		
2	Accessories Laptop Bag AC Power Adapter		
3	User's Manual		
4	Warranty Certificate		

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: Intel Core i5 11th Gen		
2	Operating System: Windows 10 Pro 64-Bit or later		
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.

4. 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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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.

Item Nr	Visual Inspections Checklist	Pass	Fail
1	Laptop Computer		
2	Accessories		
	Laptop Bag		
	AC Power Adapter		
3	User's Manual		
4	Warranty Certificate		

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	Functional Test Checklist	Pass	Fail
1	Processor: Intel Core i7 11th Gen		
2	Operating System: Windows 10 Pro 64-Bit or later		
3	Memory: 16GB DDR4		
4	Hard Drive: 1TB HDD 256GB SSD		
5	Network Connected to wired and wireless connection		

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.

Item 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	pc	User's Manual	
3	1	pc	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.

Item 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 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 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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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 accessories.

2.2.3 **Procedures:** Check and count if the UPS and accessories are present.

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

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

2.3 **Functional Testing Parameters and Procedures:**

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 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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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

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 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.

Item 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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Conforme:

Bidder's Company Name

Signature of Authorized Representative

Designation

Date

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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

Item 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:

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 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 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.

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


Prepared By:


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Approved By:


ROMEO S BRAWNER JR
Lieutenant General PA
Commanding General, PA

Conforme:

Bidder's Company Name

Signature of Authorized Representative

Designation

Date



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Note:

The technical specification of the item that will be procured is enclosed in blue square.

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