

HEADQUARTERS  
 PHILIPPINE ARMY  
 OFFICE OF THE PHILIPPINE ARMY BIDS AND AWARDS COMMITTEE 2  
 Fort Andres Bonifacio, Taguig City

11 November 2024

Supplemental / Bid Bulletin No. 1

SIG PABAC2-035-24  
 Procurement of One (1) Lot VHF/UHF MANET HH Radio & VHF/UHF MANET Base Radio

- This Supplemental Bid Bulletin is issued to inform prospective bidders to the amendments/inclusions that shall form part of the bidding documents for the Procurement of One (1) Lot Procurement of One (1) Lot VHF/UHF MANET HH Radio & VHF/UHF MANET Base Radio.

Reference		Amendments/Inclusions	
Section I. Invitation to Bid  (page 7 of 72)	xxx	xxx	xxx
	ACTIVITIES	TIME and DATE	VENUE
	xxx	xxx	xxx
	xxx	xxx	xxx
	3. Submission, Opening, and Bids Evaluation	November 21, 2024 at 9:00 AM	xxx
	xxx	xxx	xxx
		3. Submission, Opening, and Bids Evaluation	November 28, 2024 at 9:00 AM
			xxx

Section VII. Technical Specifications (page 31-35 of 72)	Reference XXX	Amendments/Inclusions XXX
<p>PHILIPPINE ARMY 2040 ADVANCE COMMITTEE 119-FRANCIS-03-24</p> <p>ARMY 2040 WORLD CLASS MULTI-MISSION READY, CROSS-DOMAIN CAPABLE HEADQUARTERS OFFICE OF THE ASSISTANT CHIEF OF STAFF FOR COMMAND AND CONTROL, COMMUNICATIONS, AND CYBER SYSTEMS, OR Philippines Submarine, Taguig City</p> <p><b>TEST ACCEPTANCE PROCEDURES FOR MANET MANHOUSING NODES AND INTEGRATOR</b></p> <p>1. <b>REFERENCE</b> 1.1. Approved Technical Specifications for MANET Handheld-Based Node and Integrator.</p> <p>2. <b>OBJECTIVES</b> 2.1. The objective of the Test Acceptance Procedure (TAP) is to determine the completeness of the items being delivered. 2.2. Ensure compliance with the standards requirements in the testing procedures. 2.3. To verify the 100% suitability of the required deliverables for the MANET Handheld-Based Node and Integrator of the Philippine Army.</p> <p>3. <b>GUIDELINES</b> 3.1. The manufacturer shall ensure that the goods to be delivered are stated in the contract, are packed before the production. 3.2. The rating system included in the Acceptance Test will be same as that only. 3.3. The acceptance test shall consist of 100% Visual Inspection and 100% Functional Tests, following the Approved Technical Specification for the MANET Handheld-Based Node and Integrator. 3.4. In case of items of any goods during the manufacturing process, the supplier shall be given a one-time period (30 days) to submit a report for the completion of defects or replacement of defective items for the completion of the goods and services being delivered into the TAC. The supplier shall ensure compliance of the goods and services being delivered into the TAC.</p> <p>PHILIPPINE ARMY 2040 ADVANCE COMMITTEE 119-FRANCIS-03-24</p> <p>ARMY 2040 WORLD CLASS MULTI-MISSION READY, CROSS-DOMAIN CAPABLE HEADQUARTERS OFFICE OF THE ASSISTANT CHIEF OF STAFF FOR COMMAND AND CONTROL, COMMUNICATIONS, AND CYBER SYSTEMS, OR Philippines Submarine, Taguig City</p> <p><b>TEST ACCEPTANCE PROCEDURES FOR MANET MANHOUSING NODES AND INTEGRATOR</b></p> <p>1. <b>REFERENCE</b> 1.1. Approved Technical Specifications for MANET Handheld-Based Node and Integrator.</p> <p>2. <b>OBJECTIVES</b> 2.1. The objective of the Test Acceptance Procedure (TAP) is to determine the completeness of the goods being delivered. 2.2. Ensure compliance with the standards requirements in the testing procedures. 2.3. To verify the 100% suitability of the required deliverables for the MANET Handheld-Based Node and Integrator of the Philippine Army.</p> <p>3. <b>GUIDELINES</b> 3.1. 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Reference

ARMY 2040 WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE

memorable and show the Army and Peoples' Connection (APC) in writing of the milestones including the specific reasons for the same.

4. PROCEDURES

The "Test Procedures and Procedures" are applicable for the Test Details and Assistance of the required documents for the MANET Handbooks (HMs) and program of the Philippine Army. It is subject to the (1) APC's, Compliance Inspection, Value Proposition and Functional Testing Procedures and Processes.

4.1. COMPLETE TABLE ABSTRACTION

This is to determine the 100% completeness of the required documents in the MANET Handbooks (HMs) and program of the Philippine Army as listed in the technical specification.

4.1.1. The required documents for the MANET Handbooks (HMs) and program of the Philippine Army would include with the required quality.

Item No.	Quantity	Unit	Description	MANET Handbooks (HMs) Program	Pass	Fail
1						

4.2. VISUAL ABSTRACTION PARAMETERS

4.2.1. OVERALL PERFORMANCE

4.2.1.1. Equipment/Needle Name

4.2.1.1.1. Purpose To determine the required performance, overall performance and 100% completeness of the MANET Handbooks (HMs) and program of the Philippine Army.

4.2.1.1.2. Procedure Inspect the MANET Handbooks (HMs) and their respective attachments for completeness.

4.2.1.1.3. Subtitle

4.2.1.1.3.1. There should be no more, omissions, errors, copy of omissions or other related defects in the books.

4.2.1.1.3.2. Same numbers and dates must be visible and readable on the device.

4.2.1.1.3.3. Devices should be properly named with appropriate date of reproduction and serial number.

4.2. FUNCTIONS TESTING PARAMETERS

4.2.1. RADIO COMPLIANCE TEST



ARMY ACTION PLAN Page 3 of 7



Amendments/Inclusions

ARMY 2040 WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE

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ARMY ACTION PLAN Page 3 of 7



Reference

ARMY 2040 **WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.**

4.3.1.1. Equipment Number: None  
 4.3.1.2. Purpose: To identify the IOPS capabilities of the MMSET Base/Headquarter Nodes and its capability to do approved network applications.

4.3.1.3. Procedures

- 4.3.1.3.1. Power on the MMSET Base/Headquarter
- 4.3.1.3.2. Check the programming frequency
- 4.3.1.3.3. Verify the available application

4.3.1.4. Standards

- 4.3.1.4.1. The MMSET Base/Headquarter Node must operate within the Approved Frequency range
- 4.3.1.4.2. Deploy programmed application must be work
- 4.3.1.4.3. All nodes and I/O ports must work

4.3.1.4.4. The MMSET Base/Headquarter Node should support all to get in a preliminary description standard

4.3.2. INTEROPERABILITY TEST

4.3.2.1. Equipment Number: At least one (1) approved radio from the Philippine Army's inventory and a radio with the unapproved (UNREGISTERED) application

4.3.2.2. Purpose: To determine user's interoperability of the MMSET Base/Headquarter Nodes with existing radio and MMS used by the Philippine Army

4.3.2.3. Procedures

- 4.3.2.3.1. Power on all radio (per GS MMSET Base/Headquarter Node)
- 4.3.2.3.2. Connect two radio to the same frequency
- 4.3.2.3.3. Configure each MMSET radio for all to P-1 settings



ARMY PAPERWORK SHEET  
 Page 1 of 3



Amendments/Inclusions

ARMY 2040 **WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.**

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ARMY PAPERWORK SHEET  
 Page 1 of 3





Reference

ARMY 2040: WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE

BVT standards in the BCS. 4.2.2.1.4 Verify the MADET's data, PLI, and

standards) reflect the actual standards set as the MADET jobs.

4.2.2.1.5 Conduct communication with other

standards

4.2.2.1.6 The MADET Near-Threshold Radio

4.2.2.1.7 One component of the MADET

4.2.2.1.8 The MADET Near-Threshold Radio

4.2.2.1.9 If the above listed is about stations

4.2.3. INFORMATION TEST

4.2.3.1 Equipment Number At least one (1) per and one (1)

4.2.3.2 Operator To determine the USB integration of the

4.2.3.3 Procedures

4.2.3.3.1 Power in the category

4.2.3.3.2 Current use (1) per one (1) per

4.2.3.3.3 Conduct communication test with

4.2.3.4 Standards

4.2.3.4.1 The program execution time at

4.2.3.4.2 Facility power and USB systems

4.2.3.4.3 All hardware and I/O units should



ARMY AUTHORITY BODY REPORT



Amendments/Inclusions

ARMY 2040: WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE

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ARMY AUTHORITY BODY REPORT





Amendments/Inclusions

XXX

Bidding  
Forms

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of 73)

Reference

XXX

ARMY 2040: WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.

ARMY 2040: WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.

ARMY 2040: WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.  
HEADQUARTERS  
OF THE ARMY  
OFFICE OF THE ASSISTANT CHIEF OF STAFF FOR  
COMMAND AND CONTROL, COMMUNICATIONS, AND CYBER SYSTEMS, OR  
Fort Belvoir, Colorado, Fort Collins, Colorado

ARMY 2040: WORLD CLASS, MULTI-MISSION READY, CROSS-DOMAIN CAPABLE.  
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IEEE ACCEPTANCE PROCEDURES FOR  
MILITARY TRAINING RANGE AND INTEGRATION

IEEE ACCEPTANCE PROCEDURES FOR  
MILITARY TRAINING RANGE AND INTEGRATION

1. REFERENCE
  - 1.1. Approved Technical Specifications for MMET (Manufacture, Test and Integration)
2. OBJECTIVES
  - 2.1. The objective of this Test Acceptance Procedure (TAP) is to delineate the requirements of the goods being delivered.
  - 2.2. Ensure compliance with the standards enumerated in the testing documents.
  - 2.3. To verify the 100% functionality of the required deliverables for the MMET (Manufacture, Test and Integration) of the Prototype Army.
3. GUIDELINES
  - 3.1. The manufacturer/supplier shall ensure that the goods to be delivered as stated in the contract are packed within the inspection.
  - 3.2. The testing system included in the Acceptance Test will be used as the Functional Tests, following the Approved Technical Specifications for the MMET (Manufacture, Test and Integration).
  - 3.3. In case of failure of any goods during the inspection/integration procedure, the supplier shall provide a one-time period of only 30 calendar days for the completion of repairs or replacement of defective parts.
  - 3.4. The warranty period and any corrective action shall commence from the date of the final acceptance test.
  - 3.5. Failure to comply with the procedure shall void the warranty until the supplier meets the entire quality during the final acceptance by the TAC.
  - 3.6. If any (1) requirement is missing during the final acceptance, it shall be considered a defect that includes corrective action as per 3.4. The supplier shall provide a one-time period of only 30 calendar days for the completion of the defect or replacement of defective parts. If the defect is not corrected within the period, the TAC shall declare acceptance of the goods and services being delivered and the warranty shall commence from the date of final acceptance.

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Conditions:

Supplier Company Name	
Signature of Authorized Representative	
Organization	
Date	

Conditions:

Supplier Company Name	
Signature of Authorized Representative	
Organization	
Date	



Reference

PHILIPPINE ARMY BIDD AND SOURCE COMMITTEE

113-484422B-24

ARMY 2040 WORLD CLASS MULTI-MISSION READY CROSS-DOMAIN CAPABLE

Responsible shall return the Bids and Award Certificate (BAC) in writing of the award acceptance including the specific details for the same.

PROCEDURES

The Test Parameters and Procedures are available for the Free Delivery and Assistance of the required accessories for the MARKET Handheld Base Radio and Integrator of the Philippine Army. It is subject also those IIT (Data Characteristics Inspection, Visual Inspection, and Functional Testing Parameters and Procedures).

4.1. COMPLETENESS INSPECTION

This is to determine the 100% completeness of the required requirements for the MARKET Handheld Base Radio and Integrator of the Philippine Army as listed in the technical description.

4.1.1. The required accessories for the MARKET Handheld Base Radio and Integrator of the Philippine Army, should comply with the required quality.

Classification of required accessories for the MARKET Handheld Base Radio and Integrator of the Philippine Army			
Item No.	Quantity	Description	Pass / Fail
1		MARKET Base Radio	
2		MARKET Handheld Base Integrator	

4.2 VISUAL INSPECTION PARAMETERS

4.2.1 OVERALL INSPECTION

4.2.1.1 Inspectors receive None

4.2.1.2 Purpose To determine the minimum requirements, overall appearance, and 100% compliance of the MARKET Handheld Base Radio and Base Integrator accessories.

4.2.1.3 Procedure Inspect the MARKET Base Radio/Handheld Base and their respective accessories for completeness.

4.2.1.4 Standard

4.2.1.5 There should be no items, scratches, cracks, signs of corrosion, or other surface defects on the device.

4.2.1.6 Serial numbers and labels must be visible and readable on the device.

4.2.1.7 Device should be properly sealed with leak-tightening, rate of manufacture, and label number.

4.3 FUNCTIONAL TESTING PARAMETERS

4.3.1 RADIO COMPLIANCE TEST

4.3.1.1

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Reference

ARMY SUB-WORLD CLASS MULTI-MISSION READY, CROSS-DOMAIN CAPABLE

4.3.1.1 Equipment Needed Note  
 4.3.1.2 Purpose: To determine the COOP, compatibility of the MMSET, Backhaulable Radio, and its accessories to the approved technical specifications

4.3.1.3 Procedures

4.3.1.3.1 Prepare for the MMSET Backhaulable Radio

4.3.1.3.2 Check the programming frequency

4.3.1.3.3 Verify the available encryption

4.3.1.4 Standards

4.3.1.4.1 The MMSET Backhaulable Radio

4.3.1.4.2 Display provided technical manual

4.3.1.4.3 All hardware and IED parts should

4.3.1.4.4 The MMSET Backhaulable Radio

4.3.1.4.5 The MMSET Backhaulable Radio

4.3.1.4.6 The MMSET Backhaulable Radio

4.3.1.4.7 The MMSET Backhaulable Radio

4.3.1.4.8 The MMSET Backhaulable Radio

4.3.1.4.9 The MMSET Backhaulable Radio

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4.3.1.4.39 The MMSET Backhaulable Radio

4.3.1.4.40 The MMSET Backhaulable Radio

Amendments/Inclusions

ARMY SUB-WORLD CLASS MULTI-MISSION READY, CROSS-DOMAIN CAPABLE

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4.3.1.4.37 The MMSET Backhaulable Radio

4.3.1.4.38 The MMSET Backhaulable Radio

4.3.1.4.39 The MMSET Backhaulable Radio

4.3.1.4.40 The MMSET Backhaulable Radio



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Reference

PHILIPINE ARMY BEEB AND MANDATE SUBMITTER TO: PANGLOSS@DAI.COM

ARMY 2040: WORLD CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.

4.3.2.4. Verify the MANDAT's data, PLS and

4.3.2.3. Conduct a security audit on the MANDAT's data, PLS and

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ARMY 2040: WORLD CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.

Signature of Submitter

Date

Amendments/Inclusions

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ARMY 2040: WORLD CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.

Signature of Submitter

Date

Reference

PHILIPPINE ARMY 2040 HED 486403 COMMITTEE HED 486403 010-24

ARMY 2040 WORLD CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE

check address amendments and recommendations, visit and sign to pass and acceptance with the appropriate sign-off

ACCEPTANCE AND REJECTION CHECKLIST

	PASS	FAIL
<b>A. VISUAL INSPECTION</b>		
No defects		
No scratches		
No marks		
No signs of corrosion		
Labels are clearly legible		
No signs of water damage		
<b>B. FUNCTIONAL TESTING</b>		
Meets Operational Test		
Acceptability Test		
Integrability Test		

ACCEPTANCE AND REJECTION

Acceptability of lots shall be determined by the acceptance or rejection checker, whereas the functional tests shall be at the discretion of the inspector, and the acceptance or rejection shall be at the discretion of the board.

RESULT

The result of the test based on the above criteria shall be the basis of the Project Army Technical Inspector and Acceptance Committee (TAC) / Project Army Technical Inspector (PTI) report in the preparation or rejection of the above lot.

PREPARED BY

**JAMES O. SOMBRIDA**  
Captain (301) 1A  
Technical Office

NOTED BY

**HEMILIO A. LARRO**  
Colonel (301) 1A  
Inspector General  
Equipment C, 204

RECOMMENDED BY

**CONSTANZO M. ESPINA, II**  
Colonel (301) 1A  
AC of S to JOC, OC 1A

Equipment C, 204  
 Page 1 of 3  
 Signature of Acceptance Inspector  
 Signature of Technical Inspector  
 Date

Proc of T Lot 486403 (MNET) 104 & 105 Base Radio Page 41 of 71



Amendments/Inclusions

PHILIPPINE ARMY 2040 HED 486403 COMMITTEE HED 486403 010-24

ARMY 2040 WORLD CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE

check address amendments and recommendations, visit and sign to pass and acceptance with the appropriate sign-off

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Proc of T Lot 486403 (MNET) 104 & 105 Base Radio Page 41 of 71



**ARMY 2040: WORLD CLASS. MULTI-MISSION READY. CROSS-DOMAIN CAPABLE.**

2. The Supplemental/Bid Bulletin No. 1 shall be considered an integral part of the bidding documents..

  
**BENJAMIN L. HAO**  
Brigadier General PA  
Chairperson