



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

Supplemental / Bid Bulletin No. 2

ORD PABAC2 -005-24
Procurement of 5,100 ea Carbine, 5.56mm (Assault Rifle 15 Platform)

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 5,100 ea Carbine, 5.56mm (Assault Rifle 15 Platform)**.

Reference	Amendments																								
	From	To																							
SOBE	Submission, Opening, and Bids Evaluation – November 17, 2023 at 9:30 AM	Submission, Opening, and Bids Evaluation – November 24, 2023 at 9:30 AM																							
SBB No. 1	Annex 13 Post-Qualification Testing Procedures	Annex 13 (See Below)																							
SBB No. 1	In-county Trainings - Armorer and Maintenance Training for 15 students from ASCOM and OACOCS - Operators Training for 36 students from PAMUs	In-county Trainings - Armorer and Maintenance Training for 15 students from ASCOM and OACOCS - Operators Training for 36 students from PAMUs																							
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Annex 6. Schedule of Requirements	In-county Trainings - Armorer and Maintenance Training for 15 students from ASCOM and OACOCS - Operators Training for 36 students from PAMUs	In-county Trainings - Armorer and Maintenance Training for 15 students from ASCOM and OACOCS - Operators Training for 36 students from PAMUs																							
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	Jamindan, Capiz	based	3DTS, 3ID, PA, Jamindan, Capiz	3	Visayas- based
	10DTS, 10ID, PA, Mawab, Davao De Oro	Mindanao- based	10DTS, 10ID, PA, Mawab, Davao De Oro	5	Mindanao- based
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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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PQ Test Procedures for Assault Rifle, 5.56mm (AR15 Platform)

ANNEX 13

HEADQUARTERS
PHILIPPINE ARMY
BIDS AND AWARDS COMMITTEE 2
TECHNICAL WORKING GROUP FOR FIREARMS AND ACCESSORIES (2024)
Fort Andres Bonifacio, Taguig City

26 October 2023

**POST QUALIFICATION TEST PROCEDURES FOR
Assault Rifle, 5.56mm (AR15 Platform)**

1. GENERAL:

1.1. Scope: This Post Qualification Test Procedures shall apply to Assault Rifle, 5.56mm (AR15 Platform).

1.2. Objective: To ascertain compliance of sample weapon with standards and specifications in consonance with the need of the end user.

1.3. References: Technical Specifications (PA SPECS NR FAM-32(AR)-04-20) and Test and Acceptance Procedures (PA TAP NR FAM-32(AR)-04-20) for Assault Rifle, 5.56mm dated 10 Jul 2020.

2. PROCEDURES:

2.1 TEST AND INSPECTION PARAMETERS:

2.1.1 PHYSICAL INSPECTION:

2.1.1.1 FOR THE RIFLES:

2.1.1.1.1 Purpose: This non-destructive test shall be performed to determine the overall workmanship, conformity to technical specifications of the weapon and to ensure that it is free from defect and meet the requirement of the Philippine Army.

2.1.1.1.2 Procedures:

2.1.1.1.2.1 The sample weapon, its parts or components shall be visually inspected for its compliance on the physical/material technical data requirement using X-Ray Fluorescence (XRF) spectrometers/analyzers or other appropriate instruments that will precisely identify the composition of the materials. In the absence of facility or equipment, a certification or manufacturing test result shall be provided

2.1.1.1.2.2 Each sample shall be examined for presence/ evidence of defect on workmanship.

2.1.1.1.2.3 Record all observations.

2.1.1.1.3 Standard: The physical and technical features of the weapon shall be according to the PA technical specifications.

2.1.1.2 WEIGHT AND DIMENSIONAL INSPECTION:



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Conforme:

Bidder's Company Name

Signature of Authorized Representative

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PQ Test Procedures for Assault Rifle, 5.56mm (AR15 Platform)

2.1.1.2.1 Purpose: This inspection shall be performed to determine compliance of the weapon to the provided weight and dimensional requirement in the technical specifications of the Philippine Army.

2.1.1.2.2 Procedures:

2.1.1.2.2.1 The sample weapon, its parts or components shall be measured by using a weighing scale, go and no-go gages, vernier caliper, micrometer caliper or other appropriate measuring instruments.

2.1.1.2.2.2 Record the weight and dimensions.

2.1.1.2.3 Standard: The weight and dimensional measurements of the weapon shall be according to the PA technical specifications.

2.1.2 PERFORMANCE TESTS:

A series of tests shall be performed to ensure that the weapon will efficiently function and perform accordingly based on the established standards and specifications when subjected to various methods of actuation simulating field usage and storage conditions.

2.1.2.1. TARGETING AND ACCURACY TEST:

2.1.2.1.1. Purpose: This test shall be performed to determine conformity of the accuracy of the weapon when fired in semi-automatic mode as required in the specifications.

2.1.2.1.2. Procedures:

2.1.2.1.2.1. Firing of not more than three (3) warm-up shots off the test target shall be allowed before the weapons are tested for targeting and accuracy. Thereafter, weapon shall be zeroed using nine (9) rounds ammunition.

2.1.2.1.2.2. The normal rear sight peep shall be used with the rear sight set centrally in the slot for windage within plus or minus twelve (12) clicks. The top edge of the front sight post flange shall be set to 0.030in (0.76mm) below the bottom surface of the front sight slot.

2.1.2.1.2.3. The weapon may be placed in a machine rest for a more stable aim with fire selector set on "SEMI" and the firing sights shall be aligned on the point of aim. Ten (10) rounds shall be fired to the target at a distance of 91.4 meters. Perform three (3) trials.

2.1.2.1.2.4. The target shall then be checked to determine that the targeting and accuracy requirements have been met (see 2.6.3).

2.1.2.1.2.5. Targets with evidence of a flyer or keyholing shall be a cause to repeat the test by firing a ten-round complement.

2.1.2.1.3. Standard:

2.1.2.1.3.1. Performance of the weapon shall be according to the PA technical specification.

2.1.2.11 ENDURANCE TEST:



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PQ Test Procedures for Assault Rifle, 5.56mm (AR15 Platform)

2.1.2.11.1 Purpose: To determine if the weapon can withstand firing of 6,000 rounds with not more than the allowable number of malfunctions and unserviceable parts allowed for a single weapon.

2.1.2.11.2 Procedures:

2.1.2.11.2.1 A 200 round increment shall be fired using 10 magazines filled with 20 rounds each within ten (10) minutes.

2.1.2.11.2.2 The first 20 round increment shall be fired in semi-automatic followed by 20 rounds in full-automatic mode until the 200 rounds have been fired. A 10-minute cooling time is allowed between increments.

2.1.2.11.2.3 The weapon shall be cleaned, lubricated and visually inspected for any damage after every 1,000 rounds for ten (10) minutes duration only.

2.1.2.11.2.4 All malfunctions and unserviceable parts observed during the test shall be recorded and properly identified. Malfunction shall not be counted against the weapon if it is caused by parts listed below that became unserviceable after firing the minimum life rounds.

2.1.2.11.2.5 Parts that became unserviceable may be replaced.

2.1.2.11.2.6 The tests shall be repeated until 6,000 rounds have been fired. Firer shall not exceed the allotted time for firing, cooling, and cleaning/lubricating.

2.1.2.11.2.7 Subject the barrel assembly and bolt to Magnetic Particle Test to determine integrity of the said parts.

2.1.2.11.2.8 Record observations.

2.1.2.11.3 Standard: Performance of the weapon shall be according to PA technical specification.

Table 2. Maximum Malfunctions Permitted in 6,000 rounds

	Malfunctions	per Rifle
1	Failure of bolt to lock	2
2	Failure to fire	2
3	Failure to feed (from magazine)	5
4	Failure to eject	3
5	Failure to chamber	3
6	Failure to extract	1
7	Bolts fail/hold rear	2
8	All other malfunctions	1
	Allowed cumulative number of malfunctions per weapon	9

Note: Other malfunctions include, but are not limited to: occurrence of doubling (two shots fired with a single trigger pull) during semi-automatic firings, failure to immediately stop firing when the trigger is released (uncontrolled fire) during automatic firing; and failure of bolt assist assembly to remain engaged with the bolt carrier assembly during manual attempt to lock the bolt.

3. ALLOCATION OF SAMPLES:

TYPE OF INSPECTION/ TEST	NR OF SAMPLE
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PQ Test Procedures for Assault Rifle, 5.56mm (AR15 Platform)

A. Physical Inspection	1 weapon
B. Weight and Dimensional Inspection	
C. Performance Test	
1. Targeting and Accuracy Test 2. Endurance Test	

4. COMPLIANCE TO TECHNICAL SPECIFICATIONS: Refer to PA Technical Specifications (PA SPECS NR FAM-32(AR)-04-20) for Assault Rifle, 5.56mm dated 10 Jul 2020.

5. CRITERIA:

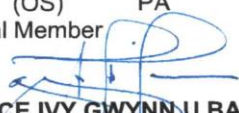
The result of the inspection and tests conducted based on the above test parameters shall be the basis for the evaluation of the Post Qualification Inspection team in coming up with the Post Qualification Report and subsequent recommendation to the Chairman of the Bids and Awards Committee.


In the event that PQ testing is not feasible, the supplier/manufacturer shall submit Test Results within the last two (2) years reckon to the date of the PQ.


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 LTC GSC (OS) PA
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