



Republic of the Philippines
 DEPARTMENT OF THE INTERIOR AND LOCAL GOVERNMENT
BUREAU OF JAIL MANAGEMENT AND PENOLOGY
NATIONAL HEADQUARTERS

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BIDS AND AWARDS COMMITTEE

Bid Bulletin No. 1

FOR THE
SUPPLY AND DELIVERY OF 70 UNITS LONG FIREARM
Bid Reference No. G-2016-010

This Bid Bulletin No. 1 is being issued to further clarify, modify and amend items/specifications in the bidding documents in response to clarifications from prospective bidders and to confirm key issues addressed during the Pre-bid Conference on August 4, 2016 for the aforementioned project.

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Specification for M4A1 Carbine 5.56

Weight (without magazine)
Length (buttstock closed)
Length (buttstock open)
Barrel length
Barrel
Number of grooves
Twist rate
Muzzle velocity
Rate of fire (cyclic)
Maximum effective range (point target)
Maximum effective range (area targets)
Maximum range
Sight

Testing Parameters:

- Stress test: two (2) sample units only, randomly picked from the storage
- Each weapon (straight from the box) shall fire (burst) five (5) 30 rounds times 2 cycles or 300 rounds
- Minimal cleaning, lubrication, wiped and lubed shall be made for the last 300 rounds (burst)
- Accuracy test: maximum effective range (50-150 meters x 10 rounds)
- Inter-operability, interchangeability of parts
- Drop test: 2 meters
- Must be able to fire (burst and single fire) after it was immersed in water
- Must be adaptable in tropical condition

Specification for Carbine 5.56

Weight (without magazine)	6.63 pounds
Length (buttstock closed)	29.75 inches
Length (buttstock open)	33 inches
Barrel length	18-20 inches
Barrel	Non-chromed
Number of grooves	3,4,5,6 and 8
Twist rate	1:8
Muzzle velocity	2970 feet per second
Rate of fire (cyclic)	700-970 rounds per min
Maximum effective range (point target)	500 meters
Maximum effective range (area targets)	600 meters
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Sight	Standard iron sight

Assault Rifle Testing Parameters:

1. DIMENSIONAL AND INITIAL FIRING TEST: Two Rifles
 - a. Purpose: to determine if the rifle conforms to BJMP approved standard specification and its reliability after initial firing.
 - b. Procedure:
 - i. Conduct visual inspection and to determine the actual firearm dimension, weight, and other characteristics
 - ii. Both rifles shall be fired with 30 rounds ammunition.
 - c. Standard:
 - i. There must be no evidence of damage in any part of rifles after initial firing
 - ii. Replacement of parts is not allowed
 - iii. Classifications of defects:
 - Fires when set to "Safe" mode
 - Fails to fire, load, extract, and eject attributable to the weapon
 - Fails to fire, load, extract, and eject attributable to the ammunition defects, shooter, and other factors
 - Binding of moving parts during recoil and counter recoil of the bolt
2. ACCURACY TEST: Two Rifles
 - a. Purpose: to determine the accuracy of the rifles and to determine the maximum effective range of the rifles
 - b. Procedures:
 - i. Rifles shall be fired with ten rounds ammo each at a distance of 25 meters, 50 meters, and 100 meters to determine accuracy
 - c. Standards:
 - i. The accuracy at distance of 25 meters, 50 meters, and 100 meters must not exceed the 2-inch mean radius spread
 - ii. To determine the maximum effective

range and area target, it must be able to produce two hits out of ten rounds allocations at a distance of 350 and 400 meters

***Notes:**

Rifles for accuracy test will be allocated with 10 rounds of ammo each for zeroing and other 10 rounds for the test proper.

Machine rest, Rifle Scope or any equivalent is allowed.

The proponent is allowed to use ammo of his own choice or match grade ammo.

Proponent must have his own shooter during accuracy test.

There will be a pre-designated target reference point in the target paper. The result shall be appreciated based on the required grouping of hits.

3. INTERCHAGEABILITY TEST: Ten Rifles

a. Purpose: to determine if parts of the rifles are interchangeable and to determine the reliability of the rifles when parts are interchangeable.

b. Procedure:

i. Parts of the ten rifles excluding the upper and lower receivers shall be disassembled and placed in a suitable container and mixed.

ii. The ten rifles shall be assembled one by one using the mixed parts from the container.

iii. The 10 rifles shall be fired with 30 rounds.

iv. Interchangeable parts are the following:

Bolt ± Carrier

Bolt assembly

Camp pin

Firing pin

Buffer spring

Hammer

Safety selector lever

Bolt catch

Spring magazine catch

Disconnecter

Trigger

c. Standards:

i. Parts must fit exactly and function properly when interchanged.

ii. Rifles must fire all rounds (malfunctions shall be recorded as accumulated defects)

iii. Classifications of defects are as follows:

Any part of the 10 rifles does not fit or not interchangeable.

Fails to fire, load, extract, and eject attributable to the functionality of the rifle after interchanging the parts.

Fails to fire, load, extract, and eject attributable to ammunition defects, shooter, and other factors.

4. MAINTAINABILITY TEST: Two Rifles

a. Purpose: to determine the ease of assembly and disassembly of the main parts of the rifles

- b. Procedure: The two sample rifles shall be disassembled and assembled. The time, number of parts, and tools used shall be recorded before being fired 30 rounds ammo each. Only basic field stripping of weapons will be conducted.
- c. Standards:
 - i. Rifles must fire without malfunction
 - ii. Replacement of parts is not allowed
 - iii. Detached or loosened parts does not or affect the function of rifle.

5. SAND TEST: Two Rifles

- a. Purpose: to determine the reliability of the rifles when covered/buried in sand.
- b. Procedure: Magazine loaded with 30 rounds ammo shall be inserted to both rifles, each chamber with one round by pulling and releasing the charging handle of the rifle and engaging the safety. The rifles will be placed on the ground with the dust cover facing up. Then dry sand will be poured onto each of the rifles until completely covered for a period of one minute. Thereafter, tap, shake, and clean rifles with bare hands within period of 30 seconds before firing all the ammo.
- c. Standards:
 - i. Both rifles must fire at least three successive round starting from the chamber loaded round without malfunction/stoppage.
 - ii. Replacement of parts is not allowed.

6. MUD TEST: Two Rifles

- a. Purpose: to determine the reliability of the rifles when covered with mud.
- b. Procedure: Magazine loaded with 30 rounds ammo shall be inserted to both rifles, each chamber with one round by pulling and releasing the charging handle of the rifle and engaging the safety. The rifles will be placed on the ground with the dust cover facing up. Then, mud will be poured onto each of the rifles until completely covered for a period of one minute. Thereafter, tap, shake and clean rifles with bare hands within period of 30 seconds before firing all the ammo.
- c. Standards:
 - i. Both rifles must at least fire the chamber loaded round.
 - ii. Replacement of parts is not allowed.

*Notes:

Mud to be used shall be mixture of soil and water that is sourced from testing area, mixed and blended to form gooey and messy composition.

7. WATER IMMERSION TEST: Two Rifles

- a. Purpose: To determine the reliability of the rifles when immersed in water.
- b. Procedure: Magazine loaded with 30 rounds of ammo shall be inserted to both rifles with the dust cover closed, each chambered with

one round of ammo by pulling and releasing the charging handle of the rifle and then engaging to safety. Rifles will be totally immersed for one minute in an appropriate container with water. Thereafter, retrieve the rifle and fire all rounds.

- c. Standards:
 - i. Both rifles must fire all rounds
 - ii. Replacement of parts is not allowed.

8. COOK-OFF TEST: Two Rifles

- a. Purpose: to determine if the rifles will fire a chambered round due to heat in the chamber.
- b. Procedure: Fire 250 rounds continuously (Full automatic fire). After firing 250 rounds, load one round in the chamber and place the rifles on the ground with muzzle pointing down range for a period of one minute.
- c. Standards:
 - i. The rifles should not fire the chambered round without pulling the trigger after firing continuously the 250 rounds. There must be no malfunction or damage to the rifles.
 - ii. Replacement of parts is not allowed
 - iii. Classifications of defects:

Rifles cook-off at 250 rounds

Fails to fire, load, extract and eject attributed to the rifle.

Melted hand-guard, sling swivel or any part.

Part/s damaged but did not affect the total functioning of the rifles.

Part/s damaged that affect the total functioning of rifles.

9. RIFLE DROP TEST: Two Rifles

- a. Purpose: to determine the quality, reliability, and safety characteristics of the rifles when dropped on a concrete floor.
- b. Procedure: Both rifles will be chamber loaded with a primed shell. Each will be inserted with fully loaded magazines and will be dropped from height of three feet while safety lock "SAFE" mode then fired with 30 rounds each. The rifles shall be dropped in two position as follows:
 - i. Carrying handle down position (horizontal)
 - ii. Buttstock down position (vertical)
- c. Standards
 - i. There must be no dent on the primer of the chamber loaded primed shell
 - ii. The rifle must fire all rounds
 - iii. Replacement of parts is not allowed
 - iv. Classification defects:

Dent on the primer of the chamber loaded round or primed cartridge case.

Damaged parts that affect the total functioning of the rifle.

Damaged parts but did not affect the total functioning of the rifle.

Fires in full auto when set to "SEMI" firing mode.

10. ENDURANCE TEST: One Rifle only

- a. Purpose: to determine the reliability of the rifle when 10,000 rounds of ammo are fired
- b. Procedures:
 - i. There are 150 rounds of ammo per set, or total of five 30 rounder magazines to be used.
 - ii. Four magazines must be fired in semi-automatic fire under a time limit and the other magazine in full automatic fire for a total of 150 rounds. For semi automatic: 4 magazines (30 rounds each), change magazine (5 seconds), 15 seconds semi-automatic firing per magazine; full automatic firing: 1 magazine only (30 rounds),
 - iii. Five minutes cooling period after firing 150 rounds.
 - 1. The rifle should be in open bolt position with the rear take down pin disengaged.
 - 2. During the five minutes cooling period, the rifle can be cooled with the following:
 - electric fan, air compressor
 - armorer's tool
 - swabbing of the barrel is allowed
 - iv. Ten minutes cooling period after firing 1000 rounds.
 - 1. The lower and upper receiver of the rifle can be disassembled to include the bolt assembly for the cleaning and lubricating by the representative proponent.
 - 2. During the ten minutes cleaning/cooling periods, the rifle can be cleaned/cooled with the following:
 - gun oil, thinner
 - electric fan, air compressor
 - other equipment necessary
 - v. All malfunctions/stoppages shall be recorded
- c. Standards: evidence of damage on barrel, chamber, firing pin, bolt assembly, and the upper and lower receiver group etc. is automatically classified as critical and shall mean automatic disqualification.

11. AFTER-ENDURANCE FIRING ACCURACY TEST:

- a. Purpose: to determine the accuracy of the rifle after firing 10,000 rounds of ammo.
- b. Procedure: the rifle shall be fired at the distance of 100 meters.
- c. Standards:
 - i. The rifle should hit the target
 - ii. Replacement of parts is not allowed

12. PROOF LOAD TEST: One rifle only

- a. Purpose: to determine the reliability of the rifle when fired using high pressure ammo

	<p>b. Procedure: the rifle shall be fired using one M197 round of high pressure test cartridge with a pressure of 70,000 psi</p> <p>c. Standards:</p> <p style="padding-left: 20px;">i. Must be no damage on the following parts of the rifle:</p> <ul style="list-style-type: none"> - slits or cracks on the barrel - chamber, bolt carrier, bolt assembly and upper receiver group <p style="padding-left: 40px;">ii. Replacement parts is not allowed</p> <p>13. MAGNETIC PARTICLE/MAGNAFLUX TEST: Two rifles</p> <p>a. Purpose: to determine whether the rifles withstood the pressure of firing during or after the series of test wherein defects/damages could not be seen by the naked eyes.</p> <p>b. Procedure: both rifle and bolts (without firing pin, extractor, and bolt camp pin) shall be subjected to magnetic particle test at MIRDC, DOST.</p> <p>c. Standard: the result of the magnetic particle/magnaflux test should not contain any presence of crack or split. Mere presence of crack or split on barrels and bolts shall mean outright disqualification.</p> <p>14. METAL COMPOSITION/IDENTIFICATION TEST (MIRDC, DOST)</p> <p>a. Purpose: to determine the metal composition, identification and quality of the specified rifle part.</p> <p>b. Procedure: one unit barrel, lower and upper receiver of the rifle that has undergone the endurance-firing test will be sent to MIRDC-DOST for the determination of its material/metal composition.</p> <p>c. Standard: results shall be used as basis of comparison of metal composition during acceptance test. Disparity or inconsistency in the metal composition in the submitted parts during post qualification test and acceptance and evaluation test would mean non-acceptance or rejection of the delivered rifles.</p>
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From:

TECHNICAL BID FORM

TO THE BIDDER: Indicate "COMPLY" if proposal meets the technical specifications and project requirements. "NO BID" if not bidding on the particular lot. DO NOT LEAVE ANY BLANK. A "YES OR NO" ENTRY WILL NOT BE ACCEPTED. FAILURE TO CONFORM WILL RESULT IN A RATING OF "FAILED".

Item	Qty	Required Specification	Bidder's Proposal
1	70	<i>M4 Carbine 5.56</i>	
		Weight(with loaded 30 round magazine)	7 pounds 5 ounces (2.32 kilograms)
		Length (buttstock closed)	29.75 inches
		Length (buttstock open)	33 inches
		Barrel length	16-18 inches
		Barrel	Non-chromed
		Number of grooves	3,4,5,6 and 8

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Assault Rifle Testing Parameters:

1. DIMENSIONAL AND INITIAL FIRING TEST: Two Rifles
 - a. Purpose: to determine if the rifle conforms to BJMP approved standard specification and its reliability after initial firing.
 - b. Procedure:
 - i. Conduct visual inspection and to determine the actual firearm dimension, weight, and other characteristics
 - ii. Both rifles shall be fired with 30 rounds ammunition.
 - c. Standard:
 - i. There must be no evidence of damage in any part of rifles after initial firing
 - ii. Replacement of parts is not allowed
 - iii. Classifications of defects:
 - Fires when set to "Safe" mode
 - Fails to fire, load, extract, and eject attributable to the weapon
 - Fails to fire, load, extract, and eject attributable to the ammunition defects, shooter, and other factors
 - Binding of moving parts during recoil and counter recoil of the bolt
2. ACCURACY TEST: Two Rifles
 - a. Purpose: to determine the accuracy of the rifles and to determine the maximum effective

		<p>range of the rifles</p> <p>b. Procedures:</p> <p>i. Rifles shall be fired with ten rounds ammo each at a distance of 25 meters, 50 meters, and 100 meters to determine accuracy</p> <p>c. Standards:</p> <p>i. The accuracy at distance of 25 meters, 50 meters, and 100 meters must not exceed the 2-inch mean radius spread</p> <p>ii. To determine the maximum effective range and area target, it must be able to produce two hits out of ten rounds allocations at a distance of 350 and 400 meters</p> <p>*Notes: Rifles for accuracy test will be allocated with 10 rounds of ammo each for zeroing and other 10 rounds for the test proper. Machine rest, Rifle Scope or any equivalent is allowed. The proponent is allowed to use ammo of his own choice or match grade ammo. Proponent must have his own shooter during accuracy test. There will be a pre-designated target reference point in the target paper. The result shall be appreciated based on the required grouping of hits.</p> <p>3. INTERCHANGEABILITY TEST: Ten Rifles</p> <p>a. Purpose: to determine if parts of the rifles are interchangeable and to determine the reliability of the rifles when parts are interchangeable.</p> <p>b. Procedure:</p> <p>i. Parts of the ten rifles excluding the upper and lower receivers shall be disassembled and placed in a suitable container and mixed.</p> <p>ii. The ten rifles shall be assembled one by one using the mixed parts from the container.</p> <p>iii. The 10 rifles shall be fired with 30 rounds.</p> <p>iv. Interchangeable parts are the following:</p> <p>Bolt ± Carrier Bolt assembly Camp pin Firing pin Buffer spring Hammer Safety selector lever Bolt catch Spring magazine catch Disconnecter Trigger</p> <p>c. Standards:</p> <p>i. Parts must fit exactly and function properly when interchanged.</p> <p>ii. Rifles must fire all rounds (malfunctions shall be recorded as accumulated defects)</p>	
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- iii. Classifications of defects are as follows:

Any part of the 10 rifles does not fit or not interchangeable.
Fails to fire, load, extract, and eject attributable to the functionality of the rifle after interchanging the parts.
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4. MAINTAINABILITY TEST: Two Rifles

- a. Purpose: to determine the ease of assembly and disassembly of the main parts of the rifles
- b. Procedure: The two sample rifles shall be disassembled and assembled. The time, number of parts, and tools used shall be recorded before being fired 30 rounds ammo each. Only basic field stripping of weapons will be conducted.
- c. Standards:
 - i. Rifles must fire without malfunction
 - ii. Replacement of parts is not allowed
 - iii. Detached or loosened parts does not or affect the function of rifle.

5. SAND TEST: Two Rifles

- a. Purpose: to determine the reliability of the rifles when covered/buried in sand.
- b. Procedure: Magazine loaded with 30 rounds ammo shall be inserted to both rifles, each chamber with one round by pulling and releasing the charging handle of the rifle and engaging the safety. The rifles will be placed on the ground with the dust cover facing up. Then dry sand will be poured onto each of the rifles until completely covered for a period of one minute. Thereafter, tap, shake, and clean rifles with bare hands within period of 30 seconds before firing all the ammo.
- c. Standards:
 - i. Both rifles must fire at least three successive round starting from the chamber loaded round without malfunction/stoppage.
 - ii. Replacement of parts is not allowed.

6. MUD TEST: Two Rifles

- a. Purpose: to determine the reliability of the rifles when covered with mud.
- b. Procedure: Magazine loaded with 30 rounds ammo shall be inserted to both rifles, each chamber with one round by pulling and releasing the charging handle of the rifle and engaging the safety. The rifles will be placed on the ground with the dust cover facing up. Then, mud will be poured onto each of the rifles until completely covered for a period of one minute. Thereafter, tap, shake and clean rifles with bare hands within period of 30 seconds before firing all the ammo.
- c. Standards:
 - i. Both rifles must at least fire the chamber loaded round.
 - ii. Replacement of parts is not allowed.

***Notes:**

Mud to be used shall be mixture of soil and water that is sourced from testing area, mixed and blended to form gooey and messy composition.

7. WATER IMMERSION TEST: Two Rifles

- a. Purpose: To determine the reliability of the rifles when immersed in water.
- b. Procedure: Magazine loaded with 30 rounds of ammo shall be inserted to both rifles with the dust cover closed, each chambered with one round of ammo by pulling and releasing the charging handle of the rifle and then engaging to safety. Rifles will be totally immersed for one minute in an appropriate container with water. Thereafter, retrieve the rifle and fire all rounds.
- c. Standards:
 - i. Both rifles must fire all rounds
 - ii. Replacement of parts is not allowed.

8. COOK-OFF TEST: Two Rifles

- a. Purpose: to determine if the rifles will fire a chambered round due to heat in the chamber.
- b. Procedure: Fire 250 rounds continuously (Full automatic fire). After firing 250 rounds, load one round in the chamber and place the rifles on the ground with muzzle pointing down range for a period of one minute.
- c. Standards:
 - i. The rifles should not fire the chambered round without pulling the trigger after firing continuously the 250 rounds. There must be no malfunction or damage to the rifles.
 - ii. Replacement of parts is not allowed
 - iii. Classifications of defects:

Rifles cook-off at 250 rounds

Fails to fire, load, extract and eject attributed to the rifle.

Melted hand-guard, sling swivel or any part.

Part/s damaged but did not affect the total functioning of the rifles.

Part/s damaged that affect the total functioning of rifles.

9. RIFLE DROP TEST: Two Rifles

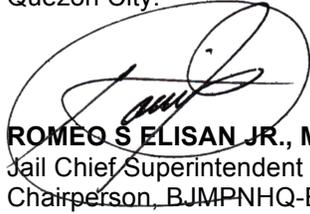
- a. Purpose: to determine the quality, reliability, and safety characteristics of the rifles when dropped on a concrete floor.
- b. Procedure: Both rifles will be chamber loaded with a primed shell. Each will be inserted with fully loaded magazines and will be dropped from height of three feet while safety lock "SAFE" mode then fired with 30 rounds each. The rifles shall be dropped in two position as follows:
 - i. Carrying handle down position (horizontal)
 - ii. Buttstock down position (vertical)
- c. Standards
 - i. There must be no dent on the primer of the chamber loaded primed shell
 - ii. The rifle must fire all rounds

		<ul style="list-style-type: none"> iii. Replacement of parts is not allowed iv. Classification defects: <ul style="list-style-type: none"> Dent on the primer of the chamber loaded round or primed cartridge case. Damaged parts that affect the total functioning of the rifle. Damaged parts but did not affect the total functioning of the rifle. Fires in full auto when set to "SEMI" firing mode. <p>10. ENDURANCE TEST: One Rifle only</p> <ul style="list-style-type: none"> a. Purpose: to determine the reliability of the rifle when 10,000 rounds of ammo are fired b. Procedures: <ul style="list-style-type: none"> i. There are 150 rounds of ammo per set, or total of five 30 rounder magazines to be used. ii. Four magazines must be fired in semi-automatic fire under a time limit and the other magazine in full automatic fire for a total of 150 rounds. For semi automatic: 4 magazines (30 rounds each), change magazine (5 seconds), 15 seconds semi-automatic firing per magazine; full automatic firing: 1 magazine only (30 rounds), iii. Five minutes cooling period after firing 150 rounds. <ul style="list-style-type: none"> 1. The rifle should be in open bolt position with the rear take down pin disengaged. 2. During the five minutes cooling period, the rifle can be cooled with the following: <ul style="list-style-type: none"> -electric fan, air compressor -armorer's tool -swabbing of the barrel is allowed iv. Ten minutes cooling period after firing 1000 rounds. <ul style="list-style-type: none"> 1. The lower and upper receiver of the rifle can be disassembled to include the bolt assembly for the cleaning and lubricating by the representative proponent. 2. During the ten minutes cleaning/cooling periods, the rifle can be cleaned/cooled with the following: <ul style="list-style-type: none"> -gun oil, thinner -electric fan, air compressor -other equipment necessary v. All malfunctions/stoppages shall be recorded c. Standards: evidence of damage on barrel, chamber, firing pin, bolt assembly, and the upper and lower receiver group etc. is automatically classified as critical and shall mean automatic disqualification. <p>11. AFTER-ENDURANCE FIRING ACCURACY TEST:</p> <ul style="list-style-type: none"> a. Purpose: to determine the accuracy of the rifle after firing 10,000 rounds of ammo. 	
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		<p>b. Procedure: the rifle shall be fired at the distance of 100 meters.</p> <p>c. Standards:</p> <ul style="list-style-type: none"> i. The rifle should hit the target ii. Replacement of parts is not allowed <p>12. PROOF LOAD TEST: One rifle only</p> <ul style="list-style-type: none"> a. Purpose: to determine the reliability of the rifle when fired using high pressure ammo b. Procedure: the rifle shall be fired using one M197 round of high pressure test cartridge with a pressure of 70,000 psi c. Standards: <ul style="list-style-type: none"> i. Must be no damage on the following parts of the rifle: <ul style="list-style-type: none"> - slits or cracks on the barrel - chamber, bolt carrier, bolt assembly and upper receiver group ii. Replacement parts is not allowed <p>13. MAGNETIC PARTICLE/MAGNAFLUX TEST: Two rifles</p> <ul style="list-style-type: none"> a. Purpose: to determine whether the rifles withstood the pressure of firing during or after the series of test wherein defects/damages could not be seen by the naked eyes. b. Procedure: both rifle and bolts (without firing pin, extractor, and bolt camp pin) shall be subjected to magnetic particle test at MIRDC, DOST. c. Standard: the result of the magnetic particle/magnaflux test should not contain any presence of crack or split. Mere presence of crack or split on barrels and bolts shall mean outright disqualification. <p>14. METAL COMPOSITION/IDENTIFICATION TEST (MIRDC, DOST)</p> <ul style="list-style-type: none"> a. Purpose: to determine the metal composition, identification and quality of the specified rifle part. b. Procedure: one unit barrel, lower and upper receiver of the rifle that has undergone the endurance-firing test will be sent to MIRDC-DOST for the determination of its material/metal composition. c. Standard: results shall be used as basis of comparison of metal composition during acceptance test. Disparity or inconsistency in the metal composition in the submitted parts during post qualification test and acceptance and evaluation test would mean non-acceptance or rejection of the delivered rifles 	
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This Bid Bulletin No. 1 shall form part of the Bid Documents. Any provision in the issued bid documents inconsistent herewith is hereby amended, modified and superseded accordingly.

Issued this 5th day of August 2016 at BJMP National Headquarters, 144 Mindanao Avenue, Quezon City.

A handwritten signature in black ink, enclosed within a hand-drawn oval. The signature is stylized and appears to read 'R. Elisan Jr.'.

ROMEO S. ELISAN JR., MPA
Jail Chief Superintendent
Chairperson, BJMPNHQ-BAC