



Republika ng Pilipinas
Republic of the Philippines
Kagawaran ng Tanggulang Pambansa
Department of National Defense

14 February 2018

SUPPLEMENTAL BID BULLETIN NR. DND/PN-FAP2C2-18-01
[Frigate Acquisition Project Lot 2C Sublot-2 (30mm Ammunition)]

This Supplemental Bid Bulletin is issued to inform prospective bidders on the modifications/amendments and/or additional requirements that shall form part of the bidding documents for the Frigate Acquisition Project Lot 2C Sublot-2 (30mm Ammunition).

CLARIFICATIONS ON THE BIDDING DOCUMENTS

Issues raised during the Prebid Conference last 07 February 2019:

Nr	Reference	Amendment
1	Section VI. Schedule of Requirements "Delivery period"	Revision of Section VI. Schedule of Requirements "Delivery period" From: Delivery period: Within 240 CD from receipt of Notice to Proceed To: Delivery period: within 180 CD from receipt of Notice to Proceed
2	Section VII. Tech Specs "Other Requirements". "Other Requirements"	Revision of selected parts of Section VII. Tech Specs "Other Requirements" From: The Winning Proponent will issue a Certificate of Ammunition Compatibility with ASELSAN 30MM SMASH (Cannon Bushmaster II/MK44 Automatic Canon) duly signed and confirmed by ASELSAN Company. This will form part of the In-country Post Qualification requirements.

			<p>To: Test firing shall be conducted at the contractors facility and shall present test and evaluation procedures: dimensions; visual inspection; and functionality using the manufacturer's testing equipment provided that the Bidder certifies that the 30mm ammo is compatible with the 30mm SMASH (Cannon Bushmaster II/MK44 Automatic Canon) made by ASELSAN of Turkey.</p>
3	Section V. Special Conditions of Contract Clause 10.1	Latest date of Delivery: - Letter (j) -	<p>From: (e) <u>Latest Date of Delivery: 240 days</u> from receipt of NTP which date shall not be later than seven (7) calendar days from the issuance of the NTP.</p> <p>To: (e) <u>Latest Date of Delivery: 180 days</u> from receipt of NTP which date shall not be later than seven (7) calendar days from the issuance of the NTP.</p>
4	Section 3. Bid Data Sheet Clause 12.1 "Eligibility Requirements"	"Eligibility Requirements" - Letter J -	<p>From: Certification that the bidder is the Original Equipment Manufacturer (OEM) of the 76mm naval ammunition.</p> <p>To: Certification that the bidder is the Original Equipment Manufacturer (OEM) of the 30mm naval ammunition and that it is compatible with Smash 30mm Gun system made by Aselsan of Turkey.</p>
5	Section 3. Bid Data Sheet Clause 12.1 "Eligibility Requirements"	"Eligibility Requirements"	<p>Additional Requirement: "Letter N" For foreign bidders, they shall have a local representative with Indentor's License or License to Operate or Deal in Ammunitions issued by PNP.</p>
6	Section X. Post Qualification, Inspection, Test and Acceptance Checklists	I. PQ Evaluation Envelope 1 - Eligibility and Technical Requirements	<p>Additional Requirement: "Letter N" For foreign bidders, they shall have a local representative with Indentor's License or License to Operate or Deal in Ammunitions issued by PNP.</p>

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AMENDED SECTION VII. TECHNICAL SPECIFICATIONS

A. CTG 30MM TP-T

TECHNICAL SPECIFICATION CTG 30MM TP-T

	PARAMETERS	COMPLY / NOT COMPLY
Description:	- The cartridge is fixed type, percussion primed 30mm ammunition. The 30 x 173mm ammunition is used in automatic cannon and is used in target practice. The cartridge consists of an inert, solid projectile without a fuze. No function takes place except penetration and tracer. The cartridge has a blue painted projectile with white markings. The inert/solid projectile is a three piece assembly consisting of steel body with cavity, rotating band, and aluminum nose piece. The cartridge case is aluminum.	
Weapons Application:	-ASELSAN 30MM SMASH (Cannon Bushmaster II/MK-44 Automatic Canon)	-
Technical Data:		
1. Caliber	30 x173mm	
2. Type	Target Practice Tracer (TP-T)	
3. Cartridge Case	Aluminum or Steel	
4. Case Length	173mm ± .3mm	
5. Cartridge		
Cartirdge Length	290mm ± .3mm	
Cartridge Weight	670g ± 5 g	
Color	Blue painted projectile with white markings	
6. Primer	M36A2 Percussion or its equivalent	
7. Projectile Weight	370g ± 5 g	
8. Propellant		
Propellant Type	Single Base	

Propellant	153g + 5 g	
Weight	USE THIS BID FORM, DO NOT RETYPE OR ALTER	
9. Performance:		
Minimum Effective Range	3,000 Meters	
Muzzle velocity	1080 mps	
Chamber pressure	345MPa	
Dispersion	0.5 Milliradians	
10. Link	Metal Link MK15 or equivalent	
11. Can	Metal- M592 or equivalent	
12. Tracer	Tracer and Igniter	
Packaging:	30 linked cartridge in two (2) 15 round belts packed nose-to-nose with two plastic separators in a PN ammunition container.	
Markings:		
Cartridge Case Head Stamp	- Manufacturer's Code	-
	- Year of manufacture	-
Primary packaging	- Standard Nomenclature	-
	- Standard Lot Number (MIL-STD 1168)	-
	- Quantity per pack	-
	- Manufacturer/Country of Origin	-
Outer packaging (See attached Illustration/Drawi ng)	- Standard Nomenclature	-
	- Standard Lot Number (MIL-STD 1168)	-
	- Quantity per pack	-
	- Manufacturer/Country of Origin	-
	- Dimension/Volume	-
	- Gross Weight	-
Other requirements	- Hazard Classification	-
	<ul style="list-style-type: none"> - Not valid if the product found to have alteration or erasures; - Palletized(Heavy duty plastic or wood), not higher than 1.5 meters per pallet; - The product must be sealed in its Original Manufacturer's Packaging; - Delivered Ctg, 30mm TP-T must not be more than one year from the date of manufacture to delivery; - Sampling procedures and tables for inspection attributes according to MIL-STD 105E; - Test firing shall be conducted at the contractors facility and shall present test 	

	and evaluation procedures: dimensions; visual inspection; and functionality using	
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	<p>30mm ammo is compatible with the 30mm SMASH (Cannon Bushmaster II/MK44 Automatic Canon) made by ASELSAN of Turkey.</p> <ul style="list-style-type: none"> - Availability of 2 Rounds 30mm TP-T Cut away ammunition for training purposes at no cost to the PN; and - One (1) year minimum warranty; 	
	<ul style="list-style-type: none"> - For foreign bidders, they shall have a local representative with Indentor's License or License to Operate or Deal in Ammunitions issued by PNP. 	-

B. CTG 30MM HEI

TECHNICAL SPECIFICATION
CTG 30MM HEI

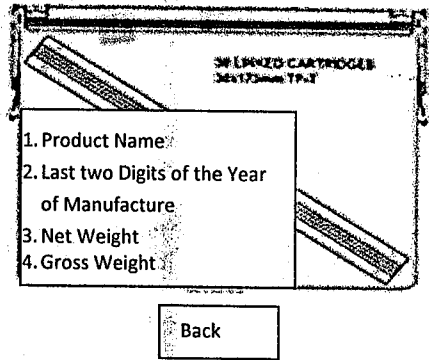
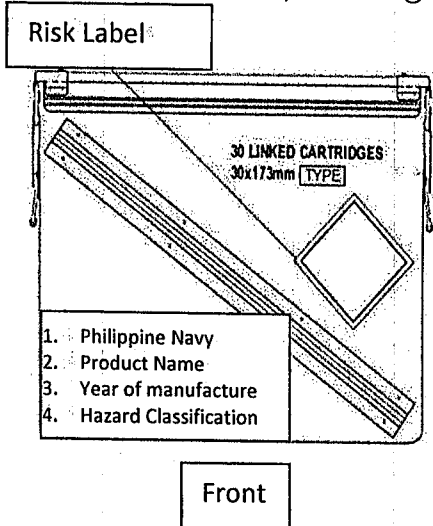
	PARAMETERS	COMPLY/ NOT COMPLY
Description:	- The cartridge is fixed type, percussion primed 30mm ammunition. The 30 x 173mm ammunition is used in automatic cannon and is used in armor piercing and the main charge detonation produces fragmentation of the projectile body resulting in antipersonnel effects in target vicinity. The cartridge has a yellow painted projectile with black markings. The projectile is a three piece assembly consisting of steel body with cavity, rotating band, and aluminum nose piece. The cartridge case is aluminum.	
Weapons Application:	-ASELSAN 30MM SMASH (Cannon Bushmaster II/MK-44 Automatic Canon)	-
Technical Data:		
1. Caliber	30 x173mm	
2. Type	High Explosive Incendiary (HEI)	
3. Cartridge Case	Aluminum or Steel	
4. Case Length	173mm ± .3mm	

5. Cartridge		
Cartridge Length	290mm ± .3mm	
Cartridge Weight:	USE THIS BID FORM, DO NOT RETYPE OR ALTER	
Color	Yellow painted projectile with black markings	
6. Primer	M36A2 Percussion or its equivalent	
7. Projectile Weight	363g ± 2 grams	
8. Propellant		
Propellant Type	Single Base	
Propellant Weight	147g ± 3g	
9. Performance:		
Minimum Effective Range	1,220 Meters	
Muzzle velocity	1020 mps	
Chamber pressure	375MPa	
Dispersion	0.6 x 0.6	
Linked	MK15 or equivalent	
Can	Metal- M592 or equivalent	
Packaging:	30 linked cartridge in two (2) 15 round belts packed nose-to-nose with two plastic separators in a PN ammunition container.	
Markings:		
Cartridge Case Head Stamp	- Manufacturer's Code	-
	- Year of manufacture	-
Primary packaging	- Standard Nomenclature	-
	- Standard Lot Number (MIL-STD 1168)	-
	- Quantity per pack	-
	- Manufacturer/Country of Origin	-
Outer packaging (See attached Illustration/Drawing)	- Standard Nomenclature	-
	- Standard Lot Number (MIL-STD 1168)	-
	- Quantity per pack	-
	- Manufacturer/Country of Origin	-
	- Dimension/Volume	-
	- Gross Weight	-
Other requirements	- Hazard Classification	-
	- Not valid if the product found to have alteration or erasures; - Palletized(Heavy duty plastic or wood), not higher than 1.5 meters per pallet;	-

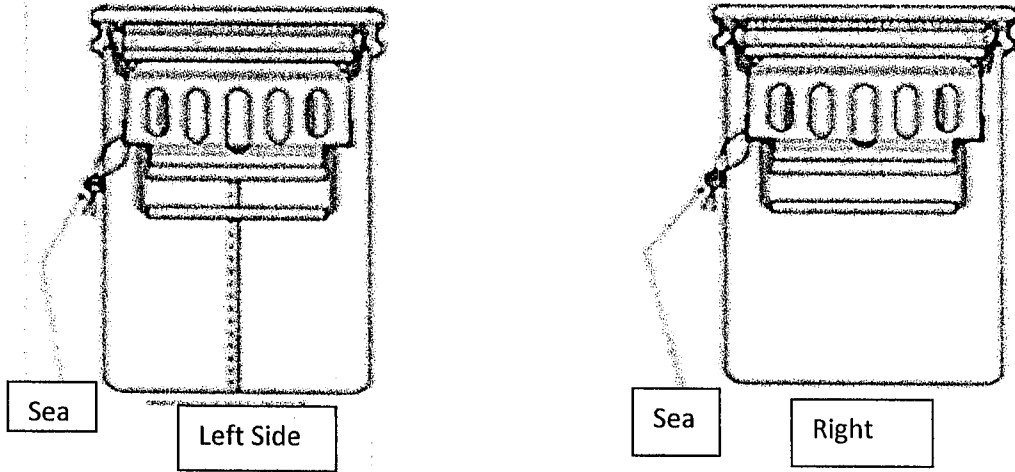
	<p>- The product must be sealed in its original manufacturer's packaging;</p> <p>- more than one year from the date of manufacture to delivery;</p> <p>- Sampling procedures and tables for inspection attributes according to MIL-STD 105E;</p> <p>- Test firing shall be conducted at the contractor's facility and shall present test and evaluation procedures: dimensions; visual inspection; and functionality using the manufacturer's testing equipment provided that the Bidder certifies that the 30mm ammo is compatible with the 30mm SMASH (Cannon Bushmaster II/MK44 Automatic Canon) made by ASELSAN of Turkey.</p> <p>- Availability of 2 Rounds 30mm HEI Cut away ammunition for training purposes at no cost to the PN; and</p> <p>- One (1) year minimum warranty</p>	
	<p>- For foreign bidders, they shall have a local representative with Indentor's License or License to Operate or Deal in Ammunitions issued by PNP.</p>	

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Outer Packaging Illustration/Drawing:



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-- END OF TECHNICAL SPECIFICATIONS --

Please be guided accordingly.

Manuel V. Ramos
ASEC MANUEL FELINO V. RAMOS
Chairperson, DND Bids & Awards Committee 1

