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07 Agrahayan 1424

21 November 2017

06.06.0000.218/Eval/30.16

**EVALUATION OF FIELD ARTILLERY WEAPON SYSTEM-122 MM HOWITZER (ABOVE 15 KM RANGE) FOR BANGLADESH ARMY**

Reference:

A. Army Headquarters, General Staff Branch, Artillery Directorate letter number 23.01.901.031.01.079.04.14.11.17/122mm dated 14 November 2017 (Not to all).

In light of reference A, please be informed that Bangladesh Army is planning to procure subject item. Hence, you are requested to forward offers along with catalogue/brochure against subject item for onward evaluation as per tech specification attached to this letter directly to Army Headquarters, General Staff Branch, Artillery Directorate please.

  
ASHFAQ MD SHIBLY  
Major  
For Director General

Annex:

A. Technical Specification of Field Artillery Weapon System-122 MM Howitzer (Above 15 KM Range) - Total 07 (Seven) pages Only.

Distribution:

External:

Action:

(Enlisted Supplier of Group-4)

Information:

Army Headquarters  
General Staff Branch  
Artillery Directorate

Internal:

Action:

IT Branch – Focus it on DGDP Web Site

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**PRELIMINARY SPECIFICATION**  
**122 MM HOW (ABOVE 15 KM RNG)**

Ser	Description	Preliminary Specification	To be filled up by Principal/Manufacturer/Supplier	Rmk
1.	<b>General Data</b>			
	a. Name of the Gun/Howitzer	To be mentioned		
	b. Type	Towed System		
	c. Model	To be mentioned		
	d. Country of Origin	Group A and B		
	e. Country of Assembly (If different than country of origin)	Group A and B		
	f. Model Validity (Min 20 yrs after procurement)	To be confirmed		
	g. Warranty/ Guarantee	To be mentioned		
	h. Year of manufacturer	Not before the contracted year		
	j. Name and detail contact of manufacturer	To be mentioned		
	k. Name and detail contact of Principal	To be mentioned		
	l. Name and detail contact of local agent	To be mentioned		
2.	<b>Firing Data</b>			
	a. <b>Range</b>			
	(1) Maximum and minimum range with standard HE ammunition: <b>(above 15 km range)</b>	To be mentioned		
	(2) Maximum range with special ammunition (Type and range to be mentioned)	To be mentioned		
	b. <b>Ammunition Compatibility.</b>			
	(1) Type of ammunition and shell possible to fire { HE, (Standard, Time, Proximity, Smk WP, ERFB, BB, RAP, HB, BT, Carrier, Smoke BE and Illuminating)}	To be mentioned		Technical Specification of available ammunition is be provided during initial offer
	(2) Type of charge	To be mentioned		
	(3) Number of charge	To be mentioned		
	(4) MV for each type of the charge	To be mentioned		
	(5) Maximum chamber pressure for each type of charge	To be mentioned		
	(6) Life of Barrel at each type of charge and ammo	To be mentioned		





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Ser	Description	Preliminary Specification	To be filled up by Principal/Manufacturer/Supplier	Rmk
	<b>b. Barrel.</b>			
	(1) Type of Barrel (Auto-freighted/Mono available)	To be mentioned		
	(2) Tube length	To be mentioned		
	(3) Barrel length with and without muzzle break (mm)	To be mentioned		
	(4) Weight of the barrel (kg)	To be mentioned		
	(5) Length of Chamber	To be mentioned		
	(6) Chamber Capacity/volume	To be mentioned		
	(7) Length of rifling (mm)	To be mentioned		
	(8) Number of grooves	To be mentioned		
	(9) Twist angle	To be mentioned		
	(10) Type of Muzzle Break	To be mentioned		
	(11) Maximum operating temperature	To be mentioned		
	<b>c. Breech Block Assembly</b>			
	(1) Type of Breech Mechanism	To be mentioned		
	(2) Breech action (Twist/Sliding)	To be mentioned		
	(3) Type and details of the breech ring	To be mentioned		
	(4) Weight of Breech Mechanism (kg)	To be mentioned		
	(5) Life of breech mechanism at each type of charge	To be mentioned		
5.	<b>Carriage</b>			
	<b>d. Recoil Mechanism</b>			
	(1) Type of Recoil Mechanism/ recuperator	To be mentioned		
	(2) Weight of filled recoil mechanism (kgs)	To be mentioned		
	(3) Weight of recoil mechanism without all recoil fluid	To be mentioned		
	(4) Yoke, hydraulic recoil break and recuperator	To be Mentioned		
	(5) Max allowed length of recoil at 0 to 45 degree elevation	To be mentioned		
	(6) Max allowed length of recoil at 46 to 90 degree elevation	To be mentioned		
	(7) Capacity of liquid hydraulic recoil break	To be mentioned		
	(8) Capacity of the liquid in recuperator	To be mentioned		
	(9) Pressure of liquid in recuperator	To be mentioned		
	<b>e. Traversing Mechanism</b>			
	(1) Maximum allowable traverse limit with opened trails	To be mentioned		
	(2) Maximum allowable traverse limit with closed trails	To be mentioned		



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	<b>c. Elevating Mechanism</b>			
	(1) Elevation with opened trails	To be mentioned		
	(2) Elevation with closed trails	To be mentioned		
	(3) Depression	To be mentioned		
	d. Equilibrator type	To be mentioned		
	e. Bottom carriage (Description)	To be mentioned		
	f. Equalizer (Type and Articulation Angle)	To be mentioned		
	g. Details and weight of the mass to be added in the trails	To be mentioned		
6.	<b>Sighting Device/Sight Dial/Dial Sight</b> (To be provided at a scale of 21 sights per 18 guns)	To be confirmed		
	a. Model	To be mentioned		
	b. Country of Origin	To be mentioned		
	c. Country of Manufacturer	To be mentioned		
	d. Name of Manufacturer	To be mentioned		
	e. Type of Sighting Device/System (Sight Dial/Dial Sight/Panoramic telescope)	To be mentioned		
	f. Optical Magnification	To be mentioned		
	g. Field of View	To be mentioned		
	h. Details of scale (in mils/rukhs)	To be mentioned		
	i. Type of Positioning system (GPS, INS or Other)	To be mentioned		
7.	<b>Maneuver</b>			
	a. Total weight of the Gun (Travelling Position)	To be mentioned		
	b. Total weight of the Gun (Firing Position)	To be mentioned		
	c. Road/Ground Clearance	To be mentioned		
	d. Towing arrangements (Length and Height of towing hook, fixed or movable etc)	To be mentioned		
	e. Time required for Field Stripping	To be mentioned		
	f. Number and name of parts of field tripping	To be mentioned		
	g. Number of trails (Supporting Legs)	To be mentioned		
	h. Number of wheels used during travelling	To be mentioned		
	i. Type of wheel drum	To be mentioned		
	k. <b>Tyre (Must be radial and steel belted)</b>	To be mentioned		
	(1) Type	To be mentioned		
	(2) Brand (Michelin/Bridgestone/Dunlop/Goodyear/ Yokohama/Toyo/Uniroyal/ Continental/Folda/Firestone/Armstrong/ AMTEL)	To be confirmed		
	(3) Country of origin (USA/Japan/EU countries/ Russia/ Brazil/ Indonesia/ Malaysia/ Philippines/ Singapore/ Thailand)	To be confirmed		



