ANNEX - A TO
BOF TENDER NO. 23.27.0000.167.244.3256105.25.26
DATED 16 MAY 2026

Bayonet Assembly (Finished Component)

Sl No	Nomenclature & Specification	A/U	Qty
(a)	(b)	(c)	(d)
Bayonet Assembly (Finished) **Assembly of 10 Independent Components.**		**Set**	**10,000**
1.	Bayonet body (10-1) Description of material : High Quality Hot Rolled Round Steel Size: Dia 20×4000mm Finished Condition: Hot Rolling, Chemical Composition C = 0.47%~0.54%, Mn=0.60%~0.90%, Si = 0.17%~0.37%, Ti ≤ 0.06%, P = 0.035% (Max) S = 0.030% (Max), Cr = 0.05%~0.25%, Ni =0.05%~0.25%, B = 0.0005%~0.0036%, Mechanical Properties Quenching Temperature: 840°C, Coolant: Oil Tempering Temperature: 600°C, Coolant: Air Tensile Strength 80~100 Kgf/mm^2, Yield Point ≥55 Kgf/mm^2, Shrinkage Ratio ≥ 40, Extensibility ≥8 % (Coefficient σ10), Impact Value ≥5 Kg-m/cm^2 Heat Treatment Process for Component Hardening/Quenching Temp=830~860°C, Time: 05~07 Minute, Coolant: KNO_3, $NaNo_2$ Tempering Temp=300~360°C, Time: 25~35 Minute, Coolant: Water, Hardness: HRC/HB: Pos: A 46~52, Tempering Temp=420~480°C, Time: 25~35 Minute, Coolant: Water Hardness: HRC/HB: Pos: B 32~40		
2.	Pin, Bayonet (10-2) Description of material : High Quality cold drawn steel wire Size: Dia 3 mm, Finished Condition: Soft, Chemical Composition C = 0.47~0.55%, Mn = 0.5~0.80%, Si = 0.17~0.37%, P = 0.040% (Max), S = 0.040% (Max), Cr = 0.05~0.25%, Ni = 0.05~0.25% Mechanical Properties Tensile Strength: 65~90 Kgf/mm^2, Extensibility: 6% Min, Shrinkage: 30% Min Heat Treatment Process for Component For Pin, Bayonet Hardening/Quenching Temperature: 830~860°C, Time: 18~22 Minute, Coolant: Oil Tempering Temp=380~450°C,Time: 30 Minute, Coolant: Water, Hardness: HRC 37~44		
3.	Bayonet Ring (10-3) Description of material : High Quality hot rolled round steel Size: Dia 20×4000 mm Finished Condition: Hot Rolled. Chemical Composition C = 0.42~0.50%, Mn = 0.5~0.8%, Si = 0.17~0.37%, P = 0.040% (Max), S = 0.040% (Max), Cr = 0.05~0.25%, Ni =0.05~0.25%		

Sl No	Nomenclature & Specification	A/U	Qty
(a)	(b)	(c)	(d)
	Mechanical Properties Tensile Strength: 61 Kg/mm^2 (Min), Yeild Point: 36 Kg/mm^2 (Min) Elongation: 16% (Min), Reduction in area: 40% (Min) Heat Treatment Process for Component Hardening/Quenching Temp=840~870°C, Time: 20~24 Minute, Coolant: Oil Tempering Temp=380~440°C, Time: 30 Minute, Coolant: Water, Hardness: HRC/HB: 37~44		
4.	Bayonet Handle (10-4) (i) Description of material: Low forming glass fiber reinforced plastic (ii) Colour: Black		
5.	Screw (10-5) Description of material : High Quality cold drawn steel wire Size: Dia 4.50 mm Finished Condition: Annealing. Chemical Composition C = 0.47~0.55%, Mn = 0.60~0.90%, Si = 0.17~0.37%, Ti ≤ 0.05%, B = 0.0005~0.0035%, P = 0.04% (Max), S = 0.045% (Max), Cr = 0.05~0.25%, Ni = 0.05~0.25% Mechanical Properties Quenching Temperature: 840°C, Coolant: Oil Tempering Temperature: 600°C, Coolant: Air Tensile Strength 80~100 Kgf/mm^2, Yield Point ≥55 Kgf/mm^2, Shrinkage Ratio ≥40 Extensibility ≥8% (Coefficient σ10), Impact Value ≥4 Kg-m/cm^2 Heat Treatment Process for Component Hardening/Quenching Temp=830~860°C, Time: 20~24 Minute, Coolant: Oil Tempering Temp=380~450°C,Time: 30 Minute, Coolant: Water, Hardness: HRC: 37~44		
6.	Bayonet Handle Seat (10-6) Description of material : High Quality Hot Rolled Round Steel Size: Dia 30x4000 mm Finished Condition **:** Hot Rolling. Chemical Composition C = 0.47~0.55%, Mn = 0.60~0.90%, Si = 0.17~0.37%, Ti ≤ 0.05, B = 0.0005~0.0035, P = (Max) 0.04%, S = (Max) 0.045%, Cr = 0.05~0.25%, Ni = 0.05~0.25% Mechanical Properties Quenching Temperature: 840°C, Coolant: Oil, Tempering Temperature: 600°C, Coolant: Air Tensile Strength: 80~100 Kgf/mm^2, Yield Point ≥ 55 Kgf/mm^2 Extensibility ≥8% (Coefficient σ10), Shrinkage Ratio ≥ 40, Impact Value ≥4 Kg-m/cm^2 Heat Treatment Process for Component For Bayonet Handle Seat (10-6) Hardening/Quenching Temp=830~860°C, Time: 20~24 Minute, Coolant: Oil Tempering Temp=380~440°C, Time: 30 Minute, Coolant: Water, Hardness: HRC: 37~44		
7.	Latch Spring (10-7) Description of material : High Quality Cold Drawn Steel Wire Size: Dia 1 mm Finished Condition: Cold Drawing. Chemical Composition C = 0.85~0.94%, Mn = 0.15~0.30%, Si = 0.15~0.30%, P = 0.030% (Max), S = 0.020% (Max)		

Sl No	Nomenclature & Specification	A/U	Qty
(a)	(b)	(c)	(d)
	Mechanical Properties Tensile Strength: 250-285 Kg/mm^2, Torsion Time :16 (Min), Repeated Bending Time :9 (Min)		
8.	Latch (10-8) Description of material : Cold rolled steel plate Size: 5×77×1000 mm Finished Condition: Hot Rolling. Chemical Composition C = 0.47~0.55%, Mn = 0.5~0.80%, Si = 0.17~0.37%, P = 0.040% (Max), S = 0.040% (Max), Cr = 0.05~0.25%, Ni = 0.05~0.25% Mechanical Properties Extensibility σb : 16% (Min) Tensile Strength σb : 637.5 N/mm^2 (Min) Heat Treatment Process for Component Hardening/Quenching Temp=830~860°C, Time: 20~24 Minute, Coolant: Oil Tempering Temp=380~450°C,Time: 30 Minute, Coolant: Water, Hardness: HRC: 37~44		
9.	Latch Pin (10-9) Description of material : High Quality Cold Drawn Round Steel Size: Dia 10.5×4000 mm Finished Condition: Cold Drawn, Chemical Composition C = 0.47~0.55%, Mn = 0.60~0.90%, Si = 0.17~0.37%, Ti ≤ 0.05%, P = 0.04% (Max), S = 0.045% (Max), Cr = 0.05~0.25%, Ni = 0.05~0.25%, B = 0.0005~0.0035%, Mechanical Properties Quenching Temperature: 840°C, Coolant: Oil, Tempering Temperature: 600°C, Coolant: Air Tensile Strength: 80~100 Kgf/mm^2, Yield Point ≥55 Kgf/mm^2, Shrinkage Ratio ≥40, Extensibility ≥8% (Coefficient σ10), Impact Value ≥4 Kg-m/cm^2 Heat Treatment Process for Component Hardening/Quenching Temperature:830~860°C, Time: 20~24 Minute, Coolant: Oil Tempering Temp=380~450°C,Time: 30 Minute, Coolant: Water, Hardness: HRC 37~44 10. Rivet, Bayonet (10-10) Aluminum Wire. Size: Dia 3.50 mm Finished Condition: Soft. Chemical Composition Mn = 0.4~0.8%, Si ≤ 0.50%, Ti ≤ 0.15%, B ≤ 0.10%, Mo = 0.40~0.80%, Cu = 3.8~4.5%, Fe ≤ 0.50% Mechanical Properties State: CZ, Shear Strength ≥ 24.0 Kgf/mm^2		

Conditions :

a. **Tender and Advanced Sample**. : **05×Tender sample must be submitted**.Before bulk supply **05xadvance sample must be submitted for approval**.

b. **Country of Origin** : **Group B**

c. Country of manufacturer : Group B

d. Name of Manufacturer : To be mentioned.

e. Offer Validity : 180 days from the date of tender opening.

f. Port of Shipment : Country of Manufacturer.

g. HS Code : To be mentioned.

h. In case Country of Origin - China:

a. Foreign Principle must be Military Trade Enterprise Authorized by the govt. of the People Republic of China.

b. The quality of Mat/ Components/Ports must be Military Grade from enlisted factory.

j. **Pre-Shipment Inspection (PSI):**

i. 3 (Three) members {2 (Two) members from BOF and 01 (One) member from IA&E} for a period of **05 (Five) working days** (Excluding journey period).

ii. Supplier must submit detail plan of PSI (Modus Operandi).

iii. If PSI is not carried out by the buyer due to any Force Majeure, then the Quality Assurance Certificate (QAC) original hard copy signed by the appropriate authority of the Quality Control Department of the manufacturer as per Annex H will have to be submitted at BOF end for obtaining Shipment Clearance. In this case, 60% LC value will be paid after shipment and remaining 40% LC value will be paid after final acceptance of the item by BOF inspecting authority.

Terms & Conditions

Supplier must mention their compliance on the following mentioned points :

1. The quoted price must be excluding CD and VAT.

2. A principal/manufacturer can submit **only one offer through one local agent** for any individual item. Offers through multiple local agents by same principle/manufacturer will be **treated as rejected**.

3. To ensure unhindered LC handling the principal must provide a certificate to confirm that their LC operating bank has RMA (Relationship Management Agreement) with the local Scheduled Banks of Bangladesh.

4. Supplier must clearly mention (in the technical offer) that as principal/manufacturer they poses necessary export permit from the concern ministry or Chamber of Commerce of their country. They must also submit a certificate in this regards as per the attached specimen format at Annex J.

5. Before signing the contract, Foreign Currency Performance Guarantee @ 10% of total LC value is to be submitted by the Principal in favour of Commandant, Bangladesh Ordnance Factories, Gazipur Cantonment, Gazipur through any scheduled Bank located in Bangladesh (As per the format at Annex H).

6. A separate **certificate should be provided** by the principal **originally signed** (Computerized or digitally edited signature will not be accepted) stating that they are aware of the requirement of the PG and if the contract is awarded they will be bound to provide the PG as per the format at Annex G, otherwise administrative action will be taken against the principal and local agent.

7. End User Certificate (EUC) format is attached as Annex K.

8. The stores should be supplied to BOF at supplier's cost.

9. If the supplier fails to deliver the stores within the stipulated period, the followings will be applicable:

a. Cancel the contract and/or,

b. Decision at the discretion of BOF.

10. Inspectorate is the authority in all matters pertaining to Inspection. Any verdict by the inspectors regarding rejection, acceptance, and /or deviation of machine involving price reduction will be treated as final and will not be subject to arbitration.

11. The Supplier must submit the following **attested documents** with the schedule:

a. Trade License b. Tin Certificate c. Up to date VAT Registration certificate