

**ANNEX - A TO  
BOF TENDER NO. 23.27.0000.167.151(iv).3256105.21.22  
DATED 09 MAY 2022**

| Ser   | Nomenclature & Specification   | A/U | Qty    | Unit FOB | Total FOB | Freight | Total CFR |
|---|--|-----|--------|----------|-----------|---------|-----------|
| 01.   | <p><b>Propellant 3/1 Camphorated</b><br/>Single base smokeless powder 3/1 camphorated</p> <p><b>a. Physico Chemical Properties:</b><br/>i) Nitro cotton smokeless powder= 3/1 Camphor<br/>ii) Mean web thickness of grains : 0.29~0.35 mm<br/>iii) Mean perforation dia of grain :0.10~0.20 mm<br/>iv) Mean length of grains: 1.6~2.0 mm<br/>v) Outer volatile matter: 1.0~1.8%<br/>vi) Inner volatile matter <math>\geq</math> 0.8%<br/>vii) Total volatile matter <math>\leq</math> 3.3%<br/>viii) Diphenylamine: 1.0-2.0%<br/>ix) Camphor <math>\leq</math> 1.8%<br/>x) Graphite <math>\leq</math> 0.4%<br/>xi) Nitrogen content in nitrocellulose <math>\geq</math> 209 ml/g</p> <p><b>b. Ballistic behavior:</b><br/>i) Name of cartridge : 7.62 mm Ball Cartridge<br/>ii) Smokeless powder : 3/1 Camphor<br/>iii) Name of bullet : Steel Core Bullet<br/>iv) Approx Charge : 3.2 gm<br/>v) The variation in charge amount: - Should be within <math>\pm 0.02</math> gm<br/>vi) Mean velocity of bullet at the distance of 2M(<math>V_2</math>) : 837-852 m/sec<br/>vii) Difference between maximum and minimum velocity (<math>\Delta V_2</math>) :<br/>Not more than 35 m/sec.<br/>viii) Mean Velocity difference along boxes: Not more than 5 m/sec.<br/>ix) Maximum chamber pressure: Not more than 3000 kg/cm<sup>2</sup><br/>x) Minimum chamber pressure: Not less than 2500 kg/cm<sup>2</sup><br/>xi) Mean chamber pressure <math>\leq</math> 2800 kg/cm<sup>2</sup></p> | Kg  | 35,000 |          |           |         |           |
| <p><b>Condition:</b></p> <p>a. Country of Origin : Group- B.</p> <p>b. Country of Manufacturer : Group- B.</p> <p>c. Port of Shipment : Country of Manufacture.</p> <p>d. <b>Pre-Shipment Inspection:</b></p> <p>i. PSI of the stores will be carried out by 03 (Three) Members {02 (Two) members from BOF &amp; 01 (One) member from IA&amp;E} for a period of 05 (Five) workings days excluding journey period.</p> <p>ii. Supplier must submit details plan of PSI (Modus Operandi).</p> <p>iii. Supplier must also mention PSI cost to be borne by them at their end.</p> |  |     |        |          |           |         |           |

**Terms & Conditions**

Supplier must mention their compliance on the following mentioned points :

- A principal/manufacture can submit **only one offer through one local agent** for any individual item. Offers through multiple local agents by same principle/manufacture will be **treated as rejected**.
- 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 Banks of Bangladesh.
- Supplier must clearly mention (in the technical offer) that as principal/manufacture they poses necessary export permit from the concern ministry or any other authority of their country. They must also submit a certificate in this regards as per the attached specimen format at Annex G.

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4. Before signing the contract, 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 E).
5. 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 F, otherwise administrative action will be taken against the principal and local agent.
6. The stores should be supplied to BOF at supplier's cost.
7. On arrival of the stores at BOF, the supplier must complete installation, commissioning, trial run & trial production within 01( one) month (from the date of entry at BOF). Otherwise, penalty will be imposed at the rate of 2% but not less than 1% and will not exceed 10% of the total CFR/LC value (As applicable).
8. 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.
9. 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.
10. The Supplier must submit the following attested documents with the schedule :
  - a. **Trade License**
  - b. **Tin Certificate**
  - c. **Up to date VAT Registration certificate.**