

GENERAL REQUIREMENTS AND OTHER TERMS AND CONDITIONS FOR MERCURY

1. **General Requirements.**

- a. The store should be as per specification, brand new, fresh, free from any impurities/contamination and suitable for end products. In this regards, Original Equipment Manufacturer (OEM) certificate and test result certificate of internationally recognized 3rd party organization should be provided along with the offer & stores. Copies of all the certificates should also be submitted from the manufacturer's official E-mail to BOF authority (ddmaterialfof@gmail.com).
- b. After receiving bulk supply, functional test will be conducted at user end under supervision of IA&E.
- c. Charge of all tests (if any) should be borne by the supplier.
- d. Copies of all Certificate, Shipping documents, Bill of lading, Proforma invoice and packing list should be submitted to IA&E by BOF with MI slip.
- e. The store must be suitable for use in tropical climate. Certificate should be provided to this effect by the manufacturer along with the offer and store.
- f. The year of manufacture of the store should be of current year. Certificate should be provided to this effect by the manufacturer along with the offer and store.
- g. All marking and other details should be in distinct English language.
- h. All certificates and letter of authorization should be original and in English language.
- j. The store should be safe in storage, transportation etc and should not cause any health hazard. Certificate should be provided to this effect by the manufacturer along with the offer and store.
- k. Guarantee Certificate on proper functioning and appropriate chemical composition of the stores should be provided by the supplier along with the offer and store.

2. Warranty and Shelf Life Certificate by the manufacturer as mentioned below should be furnished along with the offer and store.

a. Warranty Certificate. The store supplied is brand new, free from impurities and that in the event of any shortage, defects/ damages being found after inspection the store should be replaced by the supplier at their own cost within 06 (six) months of the case arises. The warranty period of the stores will be 12 (twelve) months from the date of issue of "Inspection Note" by IA&E.

b. Shelf Life Certificate. The shelf life of store will be minimum 10 (ten) years under normal storage condition and will be suitable for tropical climate. If the store is found defective within the shelf life of the store must be replaced by the supplier at their own cost (CFR basis) within 06 (Six) months of the case arises.

3. **Packing** :

- a. 10 (Ten) kg Mercury should be kept in iron pots (the iron pots should be made of acid treated steel plates by means of deep punching and the inner surface of iron pots should be evenly painted with sodium silicate to avoid rusting). The pots should be closed with a metallic screw (the screw should be enclosed with silk cloth and painted with white varnish). The iron pots containing mercury is to be kept in a firm wooden box (the wooden box should be reinforced with iron bars), each wooden box will contain one pot. The iron pots should be fixed rigidly so that it does not move in the wooden box.
- b. Boxes should be painted in Military Green.
- c. Packing material to be such that it will not be affected by damp, insect or any other harmful material during storage up to the shelf life. Certificate should be provided to this effect by the manufacturer along with the stores.
- d. The store are to be securely packed with sea worthy packing and clearly marked for safe transit by air/sea/road/train. The packing should be done by the supplier in such a manner that the safe store will not be affected by sea water, rain water, damp weather during transportation.

4. **Marking on the Packing Box** .

- a. Following marking to be stenciled on the front side of the package :
 - (1) Consignee: – Commandant, Bangladesh Ordnance Factories, Gazipur Cantonment, Bangladesh.
 - (2) Contract number & date.
- b. Following marking to be stenciled on the left or right side of the package :
 - (1) Name of manufacturer.
 - (2) Full nomenclature of stores.
 - (3) Lot number & year of manufacture.
 - (4) Dimension of the box.
 - (5) Net weight of the store.
 - (6) Gross weight of the box.
- c. Following marking to be stenciled on other side :
 - (1) Packing number.
 - (2) Year of manufacture.
 - (3) Factory Code.
 - (4) UN number.
 - (5) Carefully handle.
- d. Manufacturer and quality certificate should be attached with the container with the information:
 - (1) Manufacturer or its symbol.
 - (2) Result of chemical test.
 - (3) Lot number.
 - (4) Code no of specification.
 - (5) Date of testing.

5. **Inspection Certificate**. Final inspection certificate from the manufacturer should be provided along with store by the supplier and should be mentioned in the tender.

6. **Pre shipment Inspection.**

a. Pre-shipment inspection (PSI) will be carried out jointly by BOF and Inspectorate of Armaments & Explosive (IA&E) at the discretion of BOF authority. The team may be comprised of 03 (Three) Members {02 (Two) member from BOF & 01 (One) member from IA&E} for a period of 03 (Three) working days excluding journey period. The cost incurred by BOF PSI members will be borne by BOF and cost of IA&E PSI member will be borne by Bangladesh Army. Supplier should inform about the date of PSI at least 12 (Twelve) weeks to 15 (Fifteen) weeks (in respect of time required for obtaining visa of respective country) prior to the exact date of carrying out PSI.

b. All types of movement/transportation (air/sea/road/rail), medical (if reqr) of the PSI team within the manufacturer's country, reception and arrangement for entry into the country/concern area for the PSI are also to be arranged by the supplier.

c. Interpreter detailed by supplier for the PSI team should be competent enough to interpret the technical terms (as applicable).

d. The PSI will be carried out at manufacturer's production plant/factory. PSI should include visual inspection, laboratory/chemical test and inspection of production line of same/similar type of explosive (if reqr). All equipment and facilities of test should be provided by the supplier. PSI team will check the parameters of the item as per technical requirements of the contract.

e. PSI team will accept the stores provisionally if the stores are found as per contractual requirement. PSI report will be vetted by both the vetting committee of BOF and IA&E.

f. If any deficiency/discrepancy is found during vetting of PSI report, then deficiency/discrepancy items will be filled up or rectified by the supplier and will forward completion certificate to BOF. Then shipment clearance will be given by BOF.

g. If any PSI is not carried out by purchaser and intimated to supplier as such in written then the report of "Quality Assurance Department" of manufacturer to supplier as such in written then the report should be provided along with shipping documents.

7. **Post Shipment Inspection.** The stores on being received at the consignee's end will be inspected by Inspectorate of Armaments & Explosive (IA&E). The inspection team will carry out visual inspection of the stores, chemical, functional and firing test. IA&E will issue final inspection report after the completion of visual inspection, chemical, functional and firing test.

8. **Part-Shipment.** Part-Shipment is not allowed.

9. **Trans-Shipment.** Trans-Shipment is not allowed.

10. **Authority Holding Sealed Particulars.** IA&E, Gazipur Cantt.

11. **Inspection Authority.** Chief Inspector, IA&E or his authorized representative.

12. **Country of Origin.** Group B Countries.