

**Annex- A TO**

Tender No 23.27.0000.166.184(I).3256105.22.23

Date 15-04-2023

**NECESSARY DETAILS**

Ser	Nomenclature & Specification	Unit	Qty	Unit Price (In figure & word)	Total Price (In figure & word)	Rmks
1	<p><b>Aluminium AIMg 2 (EN AW-5241)</b>            Size: Thickness: 0.6 mm            Width: 30.00mm            Length: 215M  <u>Chemical Composition</u>            Chemical composition and form of wrought products:            Si =0.40%,            Fe =0.5%,            Cu =0.15%            Mn =0.10-0.50%,            Mg =1.70-2.40%            Cr =0.15% , Zn=0.15%,Ti=0.15%  <u>Other Standards</u>            DIN = 3.3525  <u>Heat Treatment</u>            Annealing Temperature : 320 - 350°C            Time to Heating Up : 0.5 - 2.0h            Cooling Conditions : Uncontrolled  <u>Characteristic Properties</u>            Very good atmospheric corrosion resistance.            Very good workability and weld ability. High thermal and electrical conductivity. Attractive appearance, high reflectivity. Suitable for decorative anodizing. Low mechanical properties. Shelf Life: 15 years.  <b>Country : Group A</b></p>	kg	75			
2.	<p><b>Ethyl Cellulose</b>            Appearance : White powder            Moisture Content, wt% : Up to 2.0            Dynamic Viscosity at 25 Celsius mPas: 18-24            Content of the Ethoxy Group, wt%: 47.5-49.0            Shelf Life : 3 years (Min) .  <b>Country : Group A</b></p>	kg	1.8			
3.	<p><b>Nitrocellulose NCI-900</b>  <u>Specification</u>            Nitrogen : 11.85-12.25%            Insoluble in Acetone: Only in traces            Coom : 0.40% (Max)            Alkalies : 0.40% (Max)            Stability (Bergmann-Junk Method):2.0ml NO/l g (Max)            Combustion Temperature : 180°C (Min)            Wetting Agent for NCI (Ethyl-alcohol or Butyl-alcohol) : 33-37%            Viscosity (Hopler Method): 8.00-10.00 cP            Solubility (in Ether-alcohol 2:1): 98.5% (Min)  <u>Appearance</u>            Yellowish white color, without mechanical inclusions Shelf Life: 3 years (Min)  <b>Country : Group A</b></p>	kg	0.6			

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4.	<p><b>Butyl Acetate</b></p> <p>Product : Butyl Acetate            Chemical Formula : CH<sub>3</sub>COO(CH<sub>2</sub>)CH<sub>3</sub>            Purity, wt% : 99.5            Index of Reflection : 1.3940-1.3960            Density 20/20°C : 0.880-0.882            Acidity as Acetic Acid, wt% : 0.01 (Max)            Distillation Range at 760 mmHg, °C : 124.0-126.0            Nonvolatile Material, % : 001 (Max)            Water, wt%, K. Fisher : 0.1 (Max)            n-Butanol, % : 0.5 (Max)</p> <p><u>Physical and Chemical Properties</u>            Physical State and Appearance : Liquid            Odor : Not Available            Taste : Not Available            Molecular Weight : 116.16 g/mole            Color : Not Available            pH, 1% soln/water : Not Available            Boiling Point : 126.5°C (259.7°F)            Melting Point : -77.9°C (-108.2°F)            Critical Temperature : Not Available            Specific Gravity : 0.9 (Water=1)            Vapor Pressure : 1.3 kPa (@ 20°C)            Vapor Density : 4.01 (Air=1)            Volatility : Not Available            Odor Threshold : 0.31 ppm            Water/Oil Dist. Coeff. : The product is equally soluble in oil and water; log(oil/water)=0            Ionicity (in Water) : Not Available            Dispersion Properties : See solubility in water            Solubility : Partially soluble in cold water</p> <p><u>Fire and Explosion Data</u>            Flammability of the Product : Flammable            Auto-Ignition Temperature : 421°C (789.8°F)            Flash Points : CLOSED CUP: 23.9°C (75°F). (TAG)            OPEN CUP: 37°C (98.6°F) (Cleveland)            Flammable Limits: LOWER : 1.7% UPPER: 7.6%            Products of Combustion : These products are carbon oxides (CO, CO<sub>2</sub>), Shelf Life : 15 years</p> <p><b>Country : Group A</b></p>	Liter	20			
5.	<p><b>Acetone, (C<sub>3</sub>H<sub>6</sub>O)</b></p> <p>Appearance : Liquid, Clear, Colorless            CAS Number : 67-64-1            Formula : C<sub>3</sub>H<sub>6</sub>O            Density : ~0.79 g/ml by 20°C            ADR Class : Class 3: Flammable Liquid            Shelf Life : 5 years (Min)</p> <p><b>Country : Group A</b></p>	Liter	24			

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6.	<p><b>Ethanol Tech (C<sub>2</sub>H<sub>6</sub>O)</b></p> <p>Product : Ethyl Alcohol 75% (Ethanol)            Appearance : Clear, Colorless, Volatile Liquid, Hygroscopic            Content : 95.1-96.9%            Formula : C<sub>2</sub>H<sub>6</sub>O            Density : 0.805-0.812 g/cm<sup>3</sup>            ADR Class : Class 3: Flammable Liquid            Purity : Industrial Grade            Shelf Life : 15 years</p> <p><b>Country : Group A</b></p>	Liter	120																																											
7.	<p><b>Zirconium Metal powder (Zr)</b></p> <p><u>Specification</u>            Zr+Hf<sub>total</sub> : 98.0% (Min)            Hf : Approx 2% (Natural Content)            H : 0.8±0.2%            Ti : 0.3% (Max)            Si : 0.3% (Max)            Mg : 0.2% (Max)            Ca<sub>total</sub> : 0.2% (Max)            Fe : 0.08% (Max)            Al : 0.3% (Max)            Cl : 0.05% (Max)            Ca<sub>soluble</sub> : 0.03% (Max)            Ignition Point : 215-310 °C            Combustion Rate: 460±75 sec/50 cm            Gain on Ignition: 32.3% (Weight Increased by Combustion)</p> <p><u>Physical Properties</u>            Grain Size : Min 99.9% &lt; 45 µm by Sieving APS            5.5±1 µm acc. to Blaine            Appearance : Greyish-black Powder            Shelf Life : 10 years (Min)</p> <p><b>Country : Group A</b></p>	kg	88																																											
8.	<p><b>Antimony Trisulphide (Sb<sub>2</sub>S<sub>3</sub>)</b></p> <p><u>Specification</u></p> <table border="1"> <thead> <tr> <th>Parameter</th> <th>Min</th> <th>Max</th> <th>Typical</th> </tr> </thead> <tbody> <tr> <td>% Antimony Trisulphide</td> <td>-</td> <td>-</td> <td>97.8%</td> </tr> <tr> <td>% Antimony</td> <td>70%</td> <td>-</td> <td>70.5%</td> </tr> <tr> <td>% Sulphur</td> <td>26%</td> <td>-</td> <td>26.5%</td> </tr> <tr> <td>Specific Gravity</td> <td>4.5</td> <td>4.7</td> <td>4.65</td> </tr> <tr> <td>+53 µm Content BSS300# (%)</td> <td>-</td> <td>3%</td> <td>1%</td> </tr> <tr> <td>Particle Size Distribution d10</td> <td>-</td> <td>-</td> <td>3.63 µm</td> </tr> <tr> <td>Malvern Master size 2000 d50</td> <td>-</td> <td>-</td> <td>14.45µm</td> </tr> <tr> <td>D90</td> <td>-</td> <td>-</td> <td>40.30µm</td> </tr> <tr> <td>Moisture Content (%)</td> <td>-</td> <td>0.2</td> <td>0.1%</td> </tr> </tbody> </table> <p>Melting Point: 550-620°C            Boiling Point: 1150°C</p> <p>Appearance: Gray / Black Orthorhombic Crystal (Stibnite)            Density : 6.5 g/cm<sup>3</sup> (Stibnite)            Particle Size : Typically 99% &lt;0.053 mm            Shelf Life : 10 years (Min)</p> <p><b>Country : Group A</b></p>	Parameter	Min	Max	Typical	% Antimony Trisulphide	-	-	97.8%	% Antimony	70%	-	70.5%	% Sulphur	26%	-	26.5%	Specific Gravity	4.5	4.7	4.65	+53 µm Content BSS300# (%)	-	3%	1%	Particle Size Distribution d10	-	-	3.63 µm	Malvern Master size 2000 d50	-	-	14.45µm	D90	-	-	40.30µm	Moisture Content (%)	-	0.2	0.1%	kg	144			
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Ser	Nomenclature & Specification	Unit	Qty	Unit Price (In figure & word)	Total Price (In figure & word)	Rmks
9.	<p><b>Barium Chromate Metal Powder, (BaCrO<sub>4</sub>)</b></p> <p><u>Physical Properties</u></p> <p>Grain Size : Min 99.9% &lt; 45 µm by Sieving APS 5.5±1 µm acc. to Blaine            Appearance : Yellow Crystal Powder without Mechanical Inclusions            Density : 4.5 g/cm<sup>3</sup></p> <p><u>Specification</u></p> <p>BaCrO<sub>4</sub> : 98.5% (Min)            Moisture Content : 0.1% (Max)            Soluble Substances (in water) : 0.05% (Max)            Bulk Density : 1.1-1.4 g/cm<sup>3</sup>            Specific Surface Area : 60000 cm<sup>2</sup>/cm<sup>3</sup> (Min)            Shelf Life : 10 years (Min)  <b>Country : Group A</b></p>	kg	300			
10.	<p><b>Lead Oxide (Red Lead, Lead Minium)</b></p> <p>Product : Lead Oxide, Red            Appearance : Bright Red Powder, Odorless            Formula : Pb<sub>3</sub>O<sub>4</sub></p> <p><u>Physical Properties</u></p> <p>Solid Particle, Size : Below 100 µm</p> <p><u>Specification</u></p> <p>PbO<sub>2</sub> : 29% (Min)            Pb<sub>3</sub>O<sub>4</sub> : 83% (Min)            Free PbO : 17% (Max)            Tamped Density, g/ml : 2.7-3.5            Residue on 63µ Sieve : 1% (Max)            Melting Point : 500°C            Boiling Point : 1472°C            Shelf Life : 10 years (Min)  <b>Country : Group A</b></p>	kg	80			

Ser	Nomenclature & Specification	Unit	Qty	Unit Price (In figure & word)	Total Price (In figure & word)	Rmks
11.	<p><b>Toluene</b></p> <p>Appearance: Clear Liquid Free of Sediments or Haze            Chemical Formula : <math>C_6H_5CH_3</math> or <math>C_7H_8</math>            Purity, wt% : 99.8 (Min)            Specific Gravity @ 15.5/15.5°C : 0.870-0.874            CU Corrosion : To Pass            Acidity/Neutrality mg NaOH/100 ml : Neutral            Distillation 1-96% : Within 0.6°C (including 110.6°C)            Non Aromatic Wt ppm: 2000 (Max)            Benzene Wt ppm : 500 (Max)            Moisture Wt ppm : 500 (Max)</p> <p><b><u>Physical and Chemical Properties</u></b></p> <p>Physical State and Appearance : Liquid            Odor : Sweet, Pungent, Benzene-like            Taste : Not Available            Molecular Weight : 92.14 g/mole            Color : Colorless            pH, 1% soln/water : Not Applicable            Boiling Point : 110.6°C (231.1°F)            Melting Point : -95°C (-139°F)            Critical Temperature : 318.6°C (605.5°F)            Specific Gravity : 0.8636 (Water=1)            Vapor Pressure : 3.8 kPa (@ 25°C)            Vapor Density : 3.1 (Air=1)            Volatility : Not Available            Odor Threshold : 1.6 ppm            Water/Oil Dist. Coeff. : The product is more soluble in oil;  <math>\log(\text{oil/water})=2.7</math>            Ionicity (in Water) : Not Available            Dispersion Properties : See solubility in water, Diethyl Ether, Acetone            Solubility : Soluble in diethyle ether, acetone. Practically insoluble in cold water. Soluble in ethanol,benzene,chloroform,glacial acetic acid,carbon disulfide.            Solubility in water : 0.561 g/l @ 25°C</p> <p><b><u>Fire and Explosion Data</u></b></p> <p>Flammability of the Product : Flammable            Auto-Ignition Temperature : 480°C (896°F)            Flash Points: CLOSED CUP : 4.4444°C (40°F).            (Setaflash) OPEN CUP : 16°C (60.8°F)            Flammable Limits : LOWER: 1.1% UPPER: 7.1%            Products of Combustion : These products are carbon oxides (CO, CO<sub>2</sub>).            Shelf Life : 5 years (Min)</p> <p><b>Country : Group A</b></p>	Liter	56			

Ser	Nomenclature & Specification	Unit	Qty	Unit Price (In figure & word)	Total Price (In figure & word)	Rmks
12.	<b>Acetone Tech</b> Appearance : Liquid, Clear, Colorless CAS Number : 67-64-1 Formula : C <sub>3</sub> H <sub>6</sub> O Density : ~0.79 g/ml by 20°C ADR Class : Class 3: Flammable Liquid Purity : Industrial Grade Shelf Life : 15 years <b>Country : Group A</b>	Liter	150			

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ক। দরপত্র দাখিলের সময় আলাদাভাবে টেকনিক্যাল ও ফাইন্যান্সিয়াল অফার দাখিল করতে হবে।

খ। সংযুক্ত **Anx - B** মোতাবেক দরপত্র নমুনা দাখিল করতে হবে।

গ। উল্লিখিত দর CD ও VAT ব্যতীত দাখিল করতে হবে। প্রয়োজনবোধে পণ্য খালাসের জন্য বিওএফ এর নিকট ছাড়পত্রের আবেদন করা যাবে।

ঘ। বৈদেশিক উৎস হতে পণ্য সরবরাহের ক্ষেত্রে পণ্য সরবরাহের প্রাক্কালে অবশ্যই আমদানী সংক্রান্ত কাগজপত্র, বিল অব লেডিং, শিপিং ডকুমেন্টস প্রদান করতে হবে।

ঙ। পণ্যের উৎস দেশ উল্লেখ না থাকলে কিংবা একাধিক উৎস দেশের বেলায় মূল্যোদ্ধতি প্রদান কালে অবশ্যই নির্দিষ্ট করে উৎস দেশ উল্লেখ করতে হবে।

চ। দেশীয় মুদ্রায় ক্রয়ের ক্ষেত্রে স্থানীয় উৎস হতে সরবরাহের ক্ষেত্রে ৯০ দিন এবং বৈদেশিক উৎস হতে সরবরাহের ক্ষেত্রে ১৮০ দিন অথবা তৎপূর্বে পণ্য সরবরাহ করতে হবে।

ণ। সরবরাহ আদেশ প্রদানের প্রাক্কালে মোট মূল্যের উপর ৫% হারে কম্যান্ড্যান্ট বিওএফ গাজীপুর ক্যান্ট এর অনুকূলে কার্য সম্পাদন জামানত হিসেবে পিএস (পে-অর্ডার) দাখিল করতে হবে। সন্তোষজনকভাবে পণ্য সরবরাহ এবং পরিদর্শনে গৃহীত হওয়ার পর উক্ত পে-অর্ডার ফেরৎ প্রদান করা হবে। পণ্য সরবরাহে ব্যর্থতায় দাখিলকৃত পে-অর্ডার বাতিল পূর্বক উক্ত অর্থ সরকারী কোষাগারে জমা করা হবে।

জ। নিম্নলিখিত সনদপত্রের ফটোকপি দরপত্রের সাথে সংযুক্ত করতে হবে :

- ১। ভ্যাট রেজিস্ট্রেশন সনদ ২। টি আই এন সনদ ৩। হালনাগাদ ট্রেড লাইসেন্স

দরপত্রে অংশ গ্রহণকারীর স্বাক্ষর  
(বড় অক্ষরে নাম)  
'সীলমোহর'

স্থান :  
তারিখ :

RESTRICTED

**Anx- B**

Tender No 23.27.0000.166.184.3256105.22.23

Dt- 01-02-2023

**GENERAL REQUIRMENTS AND OTHER TERMS AND CONDITIONS OF BARIUM CHROMATE METAL POWDER (ITEM NO 11) AGAINST BOF INDENT NO 23.27.0000.223.056.3256105.01.22.23 DT 03 NOV 2022**

1. **General Requirements.**

- a. The store must be brand new, free from all defects and should be suitable for use. Certificate should be provided to this effect by the manufacturer along with the offer and stores.
- b. 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 stores.
- c. The year of manufacture of the stores should be current year I, e contracted calendar year. Certificate should be provided to this effect by the manufacturer along with the offer and stores.
- d. The store should be safe in storage, transportation etc and should not cause any health hazard. Certificate should be provided by manufacturer along with the offer and store.
- e. Guarantee certificate for supply of store as per offer to be provided by the manufacturer along with the offer and stores.
- f. Warranty and shelf life certificate by the manufacturer as mentioned below should be furnished along with the offer and stores:

(1) **Warranty Certificate.** The supplied stores will be brand new, free from all defects (i.e. rust, crack, dents etc), good surface finish and that in the event of any shortage, defects being found after inspection the stores should be replaced by the supplier at their own cost within 06 (six) months as the case arises. The warranty period of the stores will be 12 (twelve) months from the date of issue of "Inspection Note" by Inspectorate of Armaments and Explosive. After inspection unserviceable stores must be changed and again to be replaced by good stores.

(2) **Shelf life Certificate.** The shelf life of the store will be 10 (ten) years from the date of manufacture. If the stores are found defective within the shelf life the store must be replaced by the supplier at their own cost (CFR basis) within 06 (six) months as the case arises.

- g. The store should be preferably be of 01 (one) lot but not more than two lots.
- h. All marking and other details should be distinct in English language.
- j. All certificates and letter of authorization should be original in English language.
- k. Quality control and inspection certificate by the manufacturer must be provided along with the stores.
- l. IA&E will issue final inspection report within one month after receipt the stores at congee's end provided the visual inspection, chemical and mechanical test. If the test result is satisfactory and the case of clarification/replacement, if any is settled as per visual inspection, chemical and mechanical test reports are completed within the time (one month). **Part inspection Note will not be issued.**
- m. **Tender sample** : Tender sample of Barium Chromate Metal Powder 01 (one) kg will be submitted with the offer for necessary visual inspection, Chemical, Mechanical and functional test.
- n. Before bulk supply Barium Chromate Metal Powder 01 (one) kg advance sample should be submitted to IA&E for necessary visual inspection, chemical, mechanical and functional test.

2. **Technical Specification.** The stores should be supplied as per specification mentioned in the Tender.

3. **Catalogue/Brochure.** Original catalogue/brochure having technical information in English language should be provided by the manufacturer along with the offer. Laminated/computer printed catalogue/brochure is not acceptable.

4. **Packing.**

- a. As per international packing procedure of the factory standard.
- b. A Packing List/Note showing lot details and number of box against each lot should be furnished in each box.
- c. The stores are to be securely packed with sea worthy packing and clearly marked for safe transit by Air/Sea/Road/Rail. The packing and marking will be done by the supplier in such a manner that the stores will not be affected by sea water, rain water, damp weather during transportation.
- d. Packing material to be such that it will not be affected by insects 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 offer and stores.

5. **Marking on the Packing Box.**

- a. Following marking to be stenciled on the top of the box/package:
  - (1) Consignee - Commandant, Bangladesh Ordnance Factories, Gazipur Cantonment, Gazipur, Bangladesh.
  - (2) Contract number and date .....
  - (3) Package number : 01/100, 02/100 and so on.
- b. Following marking to be stenciled on the front side of the box/package:
  - (1) Number of stores package.
  - (2) Full nomenclature of the stores.
  - (3) Lot number, year of manufacture and factory code.
  - (4) Dimension of the package/box.
  - (5) Net weight of the package/box.
  - (6) Gross weight of the package/box.
  - (7) Country of Origin.

6. **Pre-Shipment Inspection (PSI).**

- 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) members from BOF & 01 (One) member from IA&E} for a period of 04 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. The supplier should inform about the date of pre-shipment inspection (PSI) at least 08 (eight) weeks to 15 (fifteen) weeks (in respect of time required for obtaining visa of respective country) prior to the exact date of carrying out of PSI.
- b. All types of movement/transportation (air/sea/road/rail) and medical (if require) of the team within the manufacturer's/suppliers country, reception and arrangement for entry in to the country/concerned area for the Pre-shipment inspection also to be arranged by the supplier's without any extra cost.
- c. The pre-shipment inspection will be carried out at manufacturer's factory premises/plant. Pre-shipment inspection should include visual inspection/checking of laboratory/chemical/ functional test of the stores, inspection of production line of same type of stores. PSI team will check all the parameters of the item as per technical requirements of the contract. All necessary equipment should be provided by the supplier. Obtained result should be attached with PSI report.
- d. 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.
- e. If any deficiency/dissrepancy found during vetting of PSI report, then deficiency/dissrepancy 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.
- f. If any deficiency/dissrepancy is not found in the PSI report and the stores are satisfactory then after shipment 80% payment will be paid and remaining 20% payment will be paid after satisfactory post shipment inspection.
- g. If the PSI is not carried out due to any reason then the quality assurance certificate of "Quality Assurance Department." of the manufacturer will be considered as PSI report. In this case 100% payment will be held up. The post shipment inspection will be carried out jointly by the inspection team of IA&E and BOF. Thereafter, whole payment will be paid after satisfactory post-shipment inspection report. If the stores are rejected during Post-shipment inspection , the stores will be replaced by the supplier at their own cost.



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7. **Post-Shipment Inspection.** The stores on being received at the consignee`s end will be inspected by Inspectorate of Armaments & Explosive (IA&E) or authorize representative. The inspection team will carry out visual inspection of 100 % of the stores, chemical/laboratory test and functional test. During inspection any article found to be contrary and not in accordance with the contract will be proceed as per clause 1.f (1 & 2) above. At the time of inspection the supplier or his local representative and representative of consignee shall remain present. Daily inspection report will be signed by all representative. After complete of 100% visual inspection of the stores functional test of the stores should be carried out. IA&E will issue final inspection report after received of stores at consignee`s end provided the visual inspection, chemical/laboratory test and functional test is satisfactory and the case of clarification/replacement of stores (if any) is settles as per visual inspection, chemical/laboratory test and functional test report are completed.
8. **Authority Holding Sealed Particulars.** Chief Inspector, Inspectorate of Armament and Explosive, Gazipur Cantonment.
9. **Inspecting Authority.** Chief Inspector, Inspectorate of Armaments and Explosive, Gazipur Cantonment or his athorized representative.
10. **Part-Shipment Inspection.** Part-shipment inspection is not allowed.
11. **Tran-shipment.** Tran-shipment is not allowed.
12. **Inspection Certificate.** Final inspection certificate from the manufacturer should be provided along with the stores by the supplier.
13. **Country of Origin.** Group A.

**GENERAL REQUIRMENTS AND OTHER TERMS AND CONDITIONS OF ALUMINIUM ALMg2, ETHYL CELLULOSE, NITRO CELLULOSE, BUTYL ACETATE, ACETONE, ETHANOL TECH, ZIRCONIUM METAL POWDER, ANTMONY TRISULPHIDE, LEAD OXIDE, TOLUENE, ACETONE TECH AGAINST BOF INDENT NO 23.27.0000.223.056.3256105.01.22.23 DT 03 NOV 2022**

1. **General Requirements.**

- a. The stores must be brand new and free from all defects and should be suitable for use. Certificate should be provided to this effect by the manufacturer along with the offer and stores.
- b. The stores must be suitable for use in tropical climate. Certificate should be provided to this effect by the manufacturer along with the offer and stores.
- c. The year of manufacture of the stores should be current year i.e contracted calendar year. Certificate should be provided to this effect by the manufacturer along with the offer and stores.
- d. The stores 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 stores.
- e. Guarantee Certificate for supply of store as per offer to be provided by the manufacturer along with the offer and stores.
- f. Warranty and Shelf Life Certificate by the manufacturer as mentioned below should be furnished along with the offer and stores.

(1) **Warranty Certificate.** The supplied stores will be brand new, free from all defects and that in the event of any shortage, defects being found after inspection the stores should be replaced by the supplier at their own cost within 06 (six) months of the case arises. The warranty period of the store will be 12 (twelve) months from the date of issue of "Inspection Note" by IA&E. After inspection, unserviceable store must be changed and again to be replaced by good stores.

(2) **Shelf Life Certificate.** The Shelf Life of the stores will be **as per Tender**. If the stores are found defective within the shelf life, the stores must be replaced by the supplier at their own cost (CFR basis) within 06 (six) months as the case arises.

- g. The stores should be preferably of 01 (one) lot but not more than 02 (two) lots.
- h. All markings and other details should be in English Language.
- j. All certificates and letters of authorization should be original in English Language.
- k. Quality Control and Inspection Certificate by the manufacturer must be provided along with the stores.
- l. IA&E will issue final Inspection Report within one month after receipt the store at Consignee's end provided the Visual Inspection and chemical test result is satisfactory and the case of clarification/replacement, if any is settled as per Visual Inspection, chemical and functional test report are completed within the time (01 Month). **Part Inspection Note will not be issued.**

2. **Technical Specification.** The stores should be supplied as per specification mentioned in the Tender.

3. **Catalogue/Brochure.** Original Catalogue/Brochure having technical information in English Language should be provided by the manufacturer along with the offer. Laminated/Computer Printed Catalogue/Brochure is not acceptable.

4. **Packing.**

- a. As per international packing procedure of the factory standard.
- b. A Packing List/Note showing lot details and number of box against each lot should be furnished in each box.
- c. The stores are to be securely packed with sea worthy packing and clearly marked for safe transit by air/sea/road/rail. The packing and marking will be done by the supplier in such a manner that the stores will not be affected by sea water, rust, rain water, damp weather during transportation.
- d. Packing Material to be such that it will not be affected by insects of any other harmful material during storage up to the shelf life. Certificate should be provided to this effect by the manufacturer along with the offer and stores.

5. **Marking on the Packing Box.**

- a. Following marking to be stenciled on the top of the box/package :
  - (1). Consignee : Commandant, Bangladesh Ordnance Factories, Gazipur Cantonment, Bangladesh.
  - (2) Contract number & dt: .....
  - (3) Package number : 01/100, 02/100 and so on.
- b. Following marking to be stenciled on the front side of the box/package :
  - (1) Number of stores package.
  - (2) Full nomenclature of the stores.
  - (3) Lot number, year of manufacture, and factory code.
  - (4) Dimension of the box/package.
  - (5) Net weight of the box/package.
  - (6) Gross weight of the box/package.
  - (7) Country of Origin.

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

7. **Post-shipment Inspection.** The stores on being received at the consignee's end will be inspected by inspectorate of Armaments & Explosive (IA&E) or authorize representative. The inspection team will carry out visual inspection of 100% of the stores, chemical/laboratory test and functional test. During inspection any article found to be contrary and not in accordance with the contract will be proceed as per clause 1.f(1) above. At the time of inspection, the supplier or his local representative and representative of consignee shall remain present. Daily inspection report will be signed by all representative. **After completion of the 100% visual inspection, chemical/laboratory test and functional test is satisfactory and the case of clarification/replacement of stores (if any) is settled then I/Note will be issued.**

8. **Authority Holding Sealed Particulars.** Chief Inspector, Inspectorate of Armament and Explosive, Gazipur Cantonment.

9. **Inspecting Authority.** Chief Inspector, Inspectorate of Armaments and Explosive, Gazipur Cantonment or his authorized representative.

10. **Part-Shipment Inspection.** Part-shipment inspection is not allowed.

11. **Tran-shipment.** Tran-shipment is not allowed.

12. **Inspection Certificate.** Final inspection certificate from the manufacturer should be provided along with the stores by the supplier.

13. **Country of Origin.** Group A.