

RESTRICTED

**SPECIFICATION: BLACK TEA**

1. **Name of the item.** Black Tea (As per following Specification)
2. **General.** The tea shall be a blend of medium to good quality with good colour and fair size leaf, consisting of pure teas only. The tea shall be dry, in sound condition free from imparities and adulteration and shall produce an infusion of good colour and a liquor of pleasant taste and flavour (Satisfactory taste).
3. **Blend of Grade.** All CTC in the bulk: **GBOP:OF:FOF=1:1:1**
4. **Quantity.** Procurement quantity of items will be as follows:

ser	Item	Deno	Qty
a.	Tea Black	Metric Ton	44

5. **Quality.** The above bulk should have fair "brightness" and desirable briskness" Must not be dull, mouldy tainted, soft or other wise of unacceptable characters.
6. **The Tea shall conform to the following analysis.**

S/No	Characteristics	Requirement for black tea BSTI code no. BDSS-808
a.	Moisture Content Not more than	4%
b.	Water Extractable solid % (m/m) Minimum	32%
c.	Total ash % (m/m) Maximum	8%
	Minimum	4%
d.	Water soluble ash, as percentage of total ash Minimum	42%
e.	Alkalinity of water soluble ash (as KOH)% (m/m) Minimum	1%
	Maximum	3%
f.	Acid-insoluble ash % (m/m) Maximum	1%
g.	Crude fibre % (m/m) Maximum	16.5%
h.	Caffeine, percent by mass (weight) Minimum	2%
j.	Tannin, percent by mass (weight) Maximum	10%
k.	Total polyphenols, %	minimum 9.0
l.	Ratio of Theaflavin to Thearuvigin (publication Result)	1:10-1:12

7. **Organoleptic Test.** Organoleptic Test of the sample would be conducted to assess the taste and other physical quality of the tea. Randomly collected sample both from the bidder's warehouse and the issue point of Bangladesh Navy will be tested. Unsatisfactory report will result in the disqualification of the bidders. Following matter will be assessed by Organoleptic test.
  - a. **Dry leaf appearance** **Black/Blackish/Blackish brown** (even size free from fibre and dust), cusp moisture not over 4%. Leaf Rating should be minimum B. Explanation of Leaf Rating is given at enclosure of this specification.
  - b. **Liquor.** **Bright, fair colour** with reasonable strength and should be free from any odour other than sound tea. Liquor Rating should be minimum 3+ (out of 5). Explanation of Liquor Rating is given at enclosure of this specification.

RESTRICTED



RESTRICTED

**Note:** If no offer of 3+ liquor rating is received then a lower rating will be accepted gradually in order of priority 3, 3- and 2+ with price reduction. Offers of highest liquor rating will be accepted, but if two or more offers of same rating are received the lowest financial offer among those will be selected. However, liquor rating below 2+ will not be acceptable.

c. **Infusion.** Infused leaf should be **Coppery Bright/ Bright Coppery/ Bright/fairly Bright.** Black/dull/dull mixed infused leaf will not be accepted. Variation of Infused Leaf is given at enclosure of this specification.

8. **Packing.** Tea shall be supplied after primary, secondary and Tertiary wrapping. The ingredients, size and types of wrapping are given as under:

a. Primary wrapping: (Should be aluminum foil paper)	Size of Packet Net weight (kg)	Packet weight	No of packet in each bag	Percentage of packet in total Qty
	500 gm	12 (±)3gm	50 Packet	60%
	250 gm	10 (±)2gm	100 Packet	20%
	125 gm	07 (±)2gm	200 Packet	20%
b. Secondary wrapping :	High density polyethylene (HDPE) pack will be used. Min thickness 0.026 mm. Min size 36"x24"			
c. Tertiary wrapping :	Impermeable laminated Nylon woven bag made of HDPE (High density polyethylene). Min thickness 0.088 mm. Min size 40"x26".			

9. **Marking.** The primary and tertiary pack will be marked as under:

- a. Marking for Primary and Tertiary pack.
- (1) Name of Manufacturer and Brand Name.
  - (2) Date of Manufacturer and Expiry.
  - (3) Net weight.
  - (4) BSTI approved Seal.

10. **Delivery Schedule.** Procurement quantity is to be delivered as per the following table.

ser	Delivery time	Deno	NAME OF BSD (N)			Total Quantity
			Dhaka	Chittagong	Khulna	
a.	20-28 Feb 2020	Metric Ton	4.5	13	4.2	21.7
b.	01-10 April 2020		4.3	13	5	22.3

11. **Inspection.** Inspection of supplies tendered for acceptance shall be carried out by an officer acting on behalf of DNST. Manufacturer quality control certificate must be handed over to the officer before taking the sample. The inspecting officer shall draw representative sample from the consignment and submit them to AFFDL Dhaka Cantt or any other lab (for organoleptic testing) for analysis and report.

12. The analytical report of AFFDL or other Lab for Organoleptic test shall be forwarded to DNST whose decision regarding the consignment shall be final and delivery shall be as per sample approved by AFFDL in all respects.

13. **Shelf-life.** 12 months from the date of acceptance.

14. **Sample.** 04 Packet (each 500x2, 250x1 and 125x1 gm) Sample submitted with the offer.

15. **Compliance Statements.** Compliance statement is to be submitted with the offer mentioning details/specific information about the offered items. Only mentioning "Complied" will not be accepted.

RESTRICTED

16. **Payment.** Payment will be made in BDT as per BN procurement regulation.
17. **Liquidate Damage (LD).** LD for late delivery will apply as per BN regulation.
18. **Validity of Offer.** Tender offers must be valid for 90 days from the date opening tender.
19. **Price Quotation.** Price is to be quoted in BDT as follows:

ser	Item	Deno	Qty	Unit Price	Total Price
a.	Black Tea	Metric Ton			