

# TENDER SPECIFICATION FOR FABRICATION OF BANDOLIER CSMG WITH CARRY BAG (DIGITAL COMBAT COLOR)

1. **Name of the Item.** Bandolier for CSMG with Carry Bag (Digital Combat Color).
2. **Purpose.** The Bandolier CSMG will be used by BN personnel to carry CSMG Magazine during operation/sentry duty.
3. **Quantity.** 2,000 in no.
4. **Year of Manufacture.** 2024 or later.
6. **Name of Manufacturer.** Name and full address is to be mentioned.
7. **Country of Origin.** To be mentioned.
8. **Manufacturing Country.** To be mentioned.
9. **Qualification of Bidder.** Only the genuine manufacturers or their authorized dealer can submit quotation through their authorized agent in Bangladesh. In case of dealer, manufacturer's certificate of authorization has to be submitted with the offer.
10. **Technical Specification of Bandolier CSMG**

a. **Basic Material Specification**

(1) **Bandolier Body**

- |     |               |   |
|-----|---------------|---|
| (a) | Material      | : Polyester 53% $\pm$ 3% & Cotton 50% $\pm$ 3%. |
| (b) | Length        | : 675 mm.                                       |
| (c) | Width         | : 254 mm.                                       |
| (d) | Width of side | : 105 mm.                                       |
| (e) | Type of weave | : Plain rib weave.                              |
| (f) | Shade         | : Digital Combat Color.                         |

(2) **Pocket Large (5 in no)**

- |     |        |           |
|-----|--------|-----------|
| (a) | Length | : 232 mm. |
| (b) | Width  | : 79 mm.  |
| (c) | Height | : 40 mm.  |

(3) **Pocket Small (2 in no)**

- |     |        |           |
|-----|--------|-----------|
| (a) | Length | : 110 mm. |
| (b) | Width  | : 76 mm.  |
| (c) | Height | : 65 mm.  |

(4) **Flap/Lid of Pocket (Large & Small)**

- |     |             |                           |
|-----|-------------|---------------------------|
| (a) | Length      | : 122 mm.                 |
| (b) | Width       | : 79 mm.                  |
| (c) | Push Buckle | : 46 mmx34 mmx8 mm(LxBxH) |



(5) Back Strap (2 in no)

- (a) Color : Navy blue  
 (b) Length : 820 mm.  
 (c) Width : 39 mm.  
 (d) Thickness : 1.1 mm.  
 (e) Push Button : 55 mmx47 mmx10 mm(LxBxH)

(6) Side Strap (2 in no)

- (a) Color : Navy blue  
 (b) Length : 360 mm.  
 (c) Width : 39 mm.  
 (d) Thickness : 1.1 mm.  
 (e) Push Button : 55 mmx47 mmx10 mm (LxBxH)

- b. Color. Digital Combat (Matching with Digital Combat Color of BN Combat Dress).

(1) Color of Digital Combat Print:

Ser	Color	PANTONE Color Name	PANTONE Number
1.	Grey	Sharkskin	17-3914 TCX
2.	Deep Ocean	Stargazer	19- 4316 TCX
3.	Olive	Urban Chic	19- 5004 TCX
4.	Dark Navy	Dark Sapphire	19- 4020 TCX

- (2) Print Quality: Combat print must be sharp.

- c. Overall Shape & Design. As per BN sample.

- d. Weight. 750  $\pm$  10 gm (with carry bag).

11. Technical Specification of Carry Bag.a. Basic Materials.

- (1) Carry Bag : Polyester 53%  $\pm$  3% & Cotton 50%  $\pm$  3%.  
 (2) Chain : Plastic.  
 (3) Shade : Digital Combat Color.

b. Specification.(1) Size of Carry Bag.

- (a) Length : 290 mm.  
 (b) Breadth : 225 mm.  
 (d) Length of Chain : 220 mm.



- (2) **Monogram.** Naval monogram with BN Slogan "শান্তিতে সংগ্রামে সমুদ্রে দুর্জয়" is to be printed on front side of the Bag in golden color as per BN sample.

12. **Fabric.** Fabric will be supplied by Bangladesh Navy. Bandolier of CSMG shall be made of washable cloth. It is to be robust composition of Polyester 53%  $\pm$  3% & Cotton 50%  $\pm$  3% fabric. A certificate from original manufacturer is to be submitted with offer stating that standard (BN Supplied) fabric, velcro and other accessories are used in the offered Bandolier.

13. **Dye Fastness to Sunlight, Color Fastness to Wash, Light, Rub, Perspiration, Sea Water Test and Pilling (Martindale) Test.** The fabric provided for the work is tested for following specification/criteria:

- a. **Dye Fastness to Sunlight.** (Method: ISO/DIS 16373 – 1) Vat disperse
- b. **Color Fastness to Wash:** (Method: BS ISO 105 C10 E(5)-2006, single test, 4 hours mechanical wash at 95° in 5g soap detergent, 2g sodium carbonate with 10 steel ball).  
Grey Scale rating (Color Chang): 4-5
- c. **Color Fastness to Light:** (Method: AATCC 16-2014, opt-03) AFU72.  
Grey Scale rating - 4.
- d. **Color Fastness to Rub:** (Method: ISO 105x12:2016).  
(1) Dry rub: 4  
(2) Wet rub: 3
- e. **Color Fastness to Perspiration:** (Method: ISO 105- E04:2013).  
(1) Color charge rating : 4  
(2) Color staining : 3
- f. **Color Fastness to Sea Water:** (Method: ISO 105- E02). Grade 3-4.
- g. **Pilling (Martindale):** (Method: BS EN ISO 12945-2, 2000 Rev). Grade 3-4.

14. **Shelf Life.** Minimum Operational Shelf Life of 05 years. Shelf life certificate from manufacturer is to be provided with the offer.

15. **Manufacturer's Certificate.** Certificate from the manufacturer is to be provided with the offer indicating the year of manufacture and confirming that the offered item will meet the purpose and technical characteristics mentioned in Para 2, 10 and 11.

16. **Sample.** Two in no sample of Bandolier CSMG with carry Bag is to be supplied by the bidder along with the offer. **Offer without sample will not be accepted.**

17. **Packing Details.** Each Bandolier CSMG is to be supplied in standard Rexin carry bag and 50 in no Bandolier is to be supplied in a standard paper carton. Each package is to be marked as follows:

- a. Name of Item



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- b. Contract No and Date
- c. Quantity
- d. Year of Manufacture
- e. Supplier's name and address with contact numbers

18. **Warranty.**

a. Minimum 12 (twelve) months warranty from the date of acceptance by the buyer for trouble free use is to be provided by the manufacturer. If any component of the supplied items becomes defective during the warranty period, the warranty shall be extended automatically (for relevant component) for the period for which the subject component remains defective.

b. If any defect/discrepancy arises within warranty period, then the item(s) are to be replaced free of cost including freight within 03 (three) months from the date of notification of the same to the supplier. For warranty replacement, the supplier will collect the defective item(s) from NSD, Chattogram and re-supply the same to collecting place after the warranty repair.

c. Warranty certificate is to be submitted with the offer.

19. **Guarantee.** Guarantee is to be given that the items will be suitable to meet the requirement mentioned in Para 2, 10 and 11. Guarantee certificate is to be submitted with the stores.

20. **Undertaking.** If the supplied items are found unsuitable for use by Bangladesh Navy, the same are to be taken back by the supplier without any cost to Bangladesh Navy.

21. **Final Acceptance.** Final acceptance of the supplied items will be given after inspection/test by the Naval Armament Inspection Organization, Chattogram (NAIO, Chattogram).

23. **Shipment and Delivery**

a. **Place of Delivery.** The supplier will arrange delivery of all the items to the following address:

THE COMMANDING OFFICER  
NAVAL STORES DEPOT  
NEW MOORING  
CHATTOGRAM  
BANGLADESH

b. Items will have to be delivered within **90 days** from the date of signing of the contract.

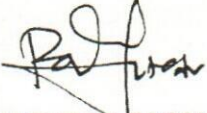
24. **Terms of Payment.** Total (100%) payment will be made in local currency after satisfactory inspection and acceptance by Bangladesh Navy.

25. **Validity of Offer.** Up to 30 June 2025.


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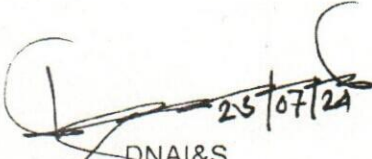
26. **Compliance Statement.** A compliance statement mentioning all the required information is to be submitted with the offer for evaluation of tender. Any deviation from the specification is also to be mentioned in the offer. Mere mentioning of "Yes/No" or "Comply" will not be enough; detailed technical data/information of the offered item is to be provided. Incomplete compliance statement may attribute to cancellation of the offer.


TEC (M)


  
M RATULAHMAD  
Lt Cdr BN  
SO(NAI&S)  
Member Secy.  
Date: 23/07/24

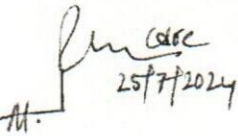
  
M SAMIR HOSSAIN  
Lt Cdr BN  
DNS(Rep)  
Member  
Date: 24/07/24

  
KAISER MAHMUD  
Lt Cdr BN  
DNR(Rep)  
Member  
Date: 24.07.24

  
DNAI&S  
A.K.M. M. HOSSAIN  
Captain BN  
Director of Naval Armament  
Inspection and Supply  
NHQ. Banani, Dhaka-1213

  
M IQBAL  
Captain BN  
Director of Naval Info & Tech  
Member  
Date: 24/07/24

  
A.H.M. RAFIQUUL ISLAM  
Commodore BN  
Director of Naval Engineering  
Naval Headquarters  
Banani, Dhaka-1213  
Date: 24.7.24

  
DNW&EE  
President  
Date: 25/7/2024