

Spec Code: Clo/2025-2026/013

**TENDER SPECIFICATION: CLOTH BLUE FOR OVERALL**

**Specifying Cloth and Quantity**

1. **Name of Item:** Cloth Blue for Overall.
2. **Color:** Peacoat (Pantone 19-3920 TCX) (As per Approved Sample).
3. **Quantity:** 20,000 Mtr
4. **Composition of Fabric (Method: ISO1833):** 100% Cotton.
5. **Source of Raw Materials:** To be mentioned.
6. **No of thread per 2.54 cm (Method: ISO 7211-2).**
  - a. Warp:  $110 \pm 5$ .
  - b. Weft:  $60 \pm 5$ .
7. **Weight per Square Meter (Method: ISO 3801).**  $210 \text{ gm} \pm 10 \text{ gm}$ .
8. **Width of the Cloth Excluding Needle Mark (Method: ISO 22198).**  $152 \text{ cm} \pm 2 \text{ cm}$ .
9. **Type of Weave:** Plain rip stop.
10. **Dimensional Stability of Washing ISO 6330:** wascator washing machine-from-loading horizontal rotating drum type, test program 6N at  $60^\circ \text{ c}$  with 2 kg load, in no phosphate without optical brightener reference detergent 3, followed by tumble dry.
  - a. Warp Way:  $\pm 3\%$
  - b. Weft Way:  $\pm 3\%$
11. **Count of Yarn in:**
  - a. Warp Yarn:  $20^s \pm 3^s \text{ Ne}$
  - b. Weft Yarn:  $20^s \pm 3^s \text{ Ne}$
12. **Color Fastness to Wash (Method: BS ISO 105 -C06 C2S).** single test, 30 minutes mechanical wash (03 time wash for black color) at  $60^\circ$  in 0.4% ECE reference detergent and 0.1% sodium perborate with 25 steel balls).

Gray scale rating 4.
13. **Color Fastness to rubbing (Method: BS EN ISO 105- X 12).**
  - a. Dry rub: Gray scale rating 4.
  - b. Wet rub: Gray scale rating 3.
14. **Color Fastness to light (Method: AATCC 16.3 AFU: 40).** Grey Scale rating 4.



15. **Pilling Martindale Resistance (Method: BS EN ISO 12945-2, 2000 Rev).**  
Gray scale rating 3-4.
16. **Color Fastness to Perspiration Method: ISO 105-E04: 2013.** Gray scale rating 4.
17. **Color Fastness to Water Method: ISO 105-E01.** Gray scale rating 4.
18. **Salvage:** Salvage should be firm. Cloth with loose selvage will be rejected.
19. **Outlook of Cloth.** Cloth is to be smooth finish and free from weaving fault, weaving slab, spot free and of same shade.
20. **Hand feel:** Hand feel of the fabric should be good quality.
21. **Used chemical for dye must be:**
  - a. AZO free.
  - b. Formaldehyde free.

#### **Delivery Requirements**

22. **Length of Cloth in Each Roll (Than).** Cloth is to be supplied in 109.06 meter roll. Piece(s) of cloth less than 109.06 meter will be accepted as the multiplication of 2.87 meter but cloth less than 14.35 meter will not be accepted.


23. **Packaging.**

- a. Good quality paper tube is to be used to make a roll of 109.06 meter cloth.
- b. Each roll of cloth is to be covered with transparent polythene.
- c. Each bale (Four rolls) is to be packed with hessian cloth and tied with ploy brand strap.

24. **Marking.** Each roll and bale is to be marked as follows:

- a. **Roll.** Following marks are to be printed on one selvage (paar) of each roll at an interval of not more than 02 (two) meters:
  - (1) Supplier's name.
  - (2) Name of Items.
  - (3) Production month and year.
  - (4) Bangladesh Navy.
  - (5) Contract No.
- b. **Bale.** Following marks are to be endorsed on each bale with indelible ink:
  - (1) Name of item.
  - (2) Contract no. and date.
  - (3) Consignee's address.
  - (4) Supplier's address.
  - (5) Quantity in each bale.
  - (6) Endorsement of CINS as to inspection (CINS will make endorsement after inspection).



  
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 Lt Commander BN  
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 Directorate General Defence Purchase



25. **Delivery**

**Place of Delivery.** The supplier will arrange shipment of the item to Chattogram. Consignee address is as follows:

The Commanding Officer  
Naval Stores Depot (NSD)  
New Mooring, Chattogram, Bangladesh

26. **Delivery Schedule.** Supplier is to deliver cloths which are accepted by CINS. Cloths are to be made as per contract sample (sample is for design and outlook) and contract specification for item, material composition and manufacturing requirements and delivered at Supplier's cost and risk to consignee. Delivery schedule for the procurement quantity is mentioned below:

| Consignee  | Installments | Delivery time after signing the contract | Qty (Mtr) |
|------------|--------------|--|-----------|
| CO NSD Ctg | 01 (One)     | 180 days                                 | 20,000    |

27. **Warranty Certificate.** Supplier is to give warranty certificate for Cloth Blue for Overall which should clearly fulfill following requirements.

- a. 24 (Twenty four) month self life (from the date receipt by the consignee) against material and color i.e. color and material quality will remain unchanged for 24 month in normal storage condition. If the color becomes faded or material condition deteriorates or any defective cloth is detected at any time during the warranty period then supplier is to replace defective cloth free of cost to the buyer.
- b. Warranty should be effective from the date of receipt by the consignee.
- c. Contract number should be mentioned in the contract.

28. **Quality Assurance Certificate.** Quality assurance certificate in original from the manufacturer should be given with each consignment.

29. **Inspection by CINS.**

- a. CINS will inspect cloth at Factory Premise as follows.
  - (1) Quality of material.
  - (2) Quantity.
  - (3) Design and outlook.
  - (4) Laboratory test (as required) to examine compatibility of material of cloth with contract specification.
- b. Supplier will bear following cost during inspection:
  - (1) Cloths used for test.
  - (2) Laboratory testing charge, if any.
  - (3) Labour cost, if any.



30. **Inspection by Consignee.** At the time of delivery consignee will inspect following.

- a. Packaging.
- b. Marking.
- c. Quantity.
- d. Warranty certificate.
- e. Quality assurance certificate.
- f. Endorsement of CINS as to inspection and acceptance.

31. **Supplier Service and Responsiveness.** Supplier must reply to buyer's query within 03 days of raising the query.

32. **Payment.** Payment will be made in BDT as per BN regulations.

33. **Liquidated Damage (LD).** LD will be applicable as per BN regulation.


34. **Sample Submission** Bidder is to submit 08 meter Cloth blue for overall along with tender offer as sample. Cloth will be used for test. Supplier is to provide required quantity of item for lab test. Item quantity is taken for lab test is non refundable.

35. **Validity Of Offer Required** Offer must be valid for 180 days from the date of opening tender.

36. **Price Quotation** Price is to be quoted in BDT as follows:

| Name of Item           | Deno | Qty    | Unit Price (TK) | Total Price (TK) |
|------------------------|------|--------|-----------------|------------------|
| Cloth Blue for Overall | Mtr  | 20,000 | .               |                  |

37. **Compliance.** A compliance statement fulfilling all the requirement of the tender is to be submitted for evaluation of the quotations. Stating mere yes or no will not suffice and detailed description/information as required is to be given. An incomplete compliance statement may attribute to cancellation of the offer. If any clause of this specification does not commensurate with offered cloth blue for overall. The deviation has to be spelt out clearly.

  
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Assistant Director Purchase (Navy)  
Directorate General Defence Purchase