

**TENDER SPECIFICATION: CLOTH COMBAT FOR FIREMAN**

**Specifying Item and Quantity**

1. **Item:** Cloth Combat for Fireman.
2. **Design of the combat Print:** As per approved design.
3. **Quantity:** 5,000 mtr.
5. **Name of Manufacturer.** To be mentioned
6. **Name of Manufacturing Company & Address:** To be mentioned
7. **Material:** Method: BS 4407: 1988 (1995).
  - a. Polyester:  $50 \pm 2\%$ .
  - b. Cotton:  $50 \pm 2\%$ .
8. **Type of Weave:** Plain Rib Stop.
9. **Width of Cloth (cm):** 143 cm to 147cm.
10. **Weight /Square Meter in gm:**  $200 \text{ gm} \pm 10 \text{ gm}$ .
11. **No of thread per 2.54 cm:** (Method: BS EN ISO 7211-2).
  - a. Warp:  $115 \pm 10$ .
  - b. Weft:  $60 \pm 10$ .
12. **Count of Yarn:** (Method: BS EN ISO 7211-2).
  - a. Warp Yarn:  $2/45^s + 3^s$
  - b. Weft Yarn:  $2/45^s + 3^s$
13. **Colour Fastness to wash:** (Method: BS ISO 105 -C06 C2S), single test, 30 minutes mechanical wash at  $60^\circ$  in 0.4% ECE reference detergent and 0.1% sodium perborate with 25 steel balls).

Grey Scale rating 4.
14. **Colour fastness rub:** (Method: BS EN ISO 105-X12:2016).
  - a. Dry rub: 4.
  - b. Wet rub: 3.
15. **Colour Fastness to light :** (Method: AATCC 16-2014, opt-03) AFU 48.

Grey scale rating 3-4.
16. **Colour Fastness to perspiration:** (Method: ISO 105-E04:2013).

Gray scale rating 4.
17. **Pilling (Martindale):** (Method: BS EN ISO 12945-2, 2000 Rev).

Grade 3-4.





18. **Dimensional Stability to Washing.** (Method: BS EN ISO 6330:2001 4A).

Warp(±) 2.0%.

Weft(±) 2.0%.

19. **Maximum width of Selvage.** 1.5 cm.

20. **Outlook of Cloth:** Cloth is to be spot free, of same shade, smooth finish and free from weaving fault and weaving slab.

### **Delivery Requirements**

21. **Length of Roll (Thaan):** Cloth is to be supplied in 103.5 meter roll. Piece(s) of cloth less than 103.5 meter will be accepted as the multiplication of 3.45 meter but cloth less than 10.35 meter will not be accepted by ACINS.

22. **Packaging.**

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) Production month and year.
- (3) Bangladesh Navy.
- (4) Contract/purchase order 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 ACINS as to inspection and acceptance (ACINS will make endorsement after inspection).

23. **Delivery Schedule:** Cloths are to be delivered at supplier's cost and risk to consignee as per following delivery schedule:

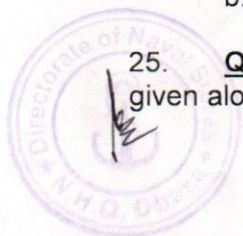
Consignee	Installment	Delivery time after signing the contract	Quantity (Mtr)
CO NSD Ctg	01	180 Days	5,000

24. **Warranty:** Supplier is to give warranty certificate for Cloth Combat for Fireman which should clearly fulfill following requirements:

a. 24 (Twenty four) month self life (from the date of acceptance) against material and colour i.e. colour and material quality will remain unchanged for 24 month in normal storage condition. If the colour becomes faded or material condition deteriorates or any defective item is detected at any time during the warranty period then supplier is to replace defective cloths free of cost to the buyer.

b. Warranty should be effective from the date of acceptance.

25. **Quality Assurance Certificate:** Quality assurance certificate from the manufacturer is to be given along with the consignment.

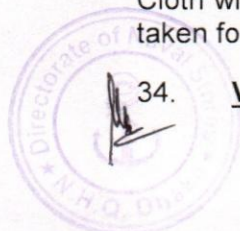




26. **Factory/Manufacturer Certificate.** Relevant factory/manufacturer Certificate is to be submitted with tender offer.
27. **Inspection by ACINS.**
- a. ACINS will inspect and test Cloth Combat for Fireman on factory premise as follows:
    - (1) Quality of Material.
    - (2) Quantity.
    - (3) Design and outlook.
    - (4) Laboratory test (as required) to examine compatibility of material of cloth with tender 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.
28. **Inspection by Consignee:** At the time of delivery consignee will inspect the following:
- a. Packaging.
  - b. Marking.
  - c. Quantity.
  - d. Warranty certificate.
  - e. Quality assurance certificate.
  - d. Endorsement of ACINS as to inspection and acceptance.

**Other Required Information for Bidders**

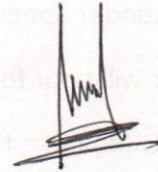
29. **Evaluation of Offer(s):** For the purpose of acceptance, tender offer will be evaluated on the basis of following:
- a. Washing test.
  - b. Rubbing test.
  - c. Calendaring/ironing after washing.
  - d. Material test in laboratory (as required) to examine compatibility of material of supplier's sample with specification.
  - e. Color fastness.
  - f. Price.
30. **Supplier's Service and Responsiveness:** Supplier must reply to buyer's query within 03 days of raising the query.
31. **Payment.** Payment will be made in BDT as per BN regulation.
32. **Liquidated Damage (LD).** LD will be applicable as per BN regulation.
33. **Sample Submission:** Bidder is to submit 06 meter cloth 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.
34. **Validity of Offer Required:** 180 days from the date of opening tender.



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

Item	Deno	Qty	Unit Price (Taka)	Total Price (Taka)
Cloth Combat for Fireman	Mtr	5,000		

36. **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 Combat for Fireman. The deviation has to be spelt out clearly.



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