

Spec Code: Clo/2024-2025/011

TENDER SPECIFICATION: CLOTH SYNTHETIC/COTTON SHIRTING

Specifying Item and Quantity

1. **Item.** Cloth synthetic/Cotton shirting
2. **Color & Design.** Bright White (PANTONE® Number: 11-0601 TCX) Shade as per approved sample).
3. **Quantity.** 15,000 Mtr.
4. **Country of Manufacturing.** To be mentioned.
5. **Name of Manufacturing Company & Address:** To be mentioned.
6. **Source of Raw Materials:** To be mentioned.
7. **Material (Method: ISO 1833: Part-11).**
 - a. Polyester : 65% ± 3%
 - b. Cotton: 35% ± 3%.
8. **Type of Weave.** 1/1 plain (As per Approved Sample)
9. **Ends per 2.54 cm (Method: ISO 7211-2).** 145 ± 10.
10. **Picks per 2.54 cm (Method: ISO 7211-2).** 80 ± 10.
11. **Width of Cloth in cm (Method: ISO 22198)** 153 cm ± 3 cm (without salvage).
12. **Width of Salvage in cm.** 1 cm (Both side).
13. **Count of the Yarn (Method: ISO 7211-5).**
 - a. **Warp yarn.** 45st ± 5st.
 - b. **Weft yarn.** 45st ± 5st.
14. **Weight per sq Meter (Method: ISO 3801).** 125 gm ± 5 gm.
15. **Color fastness to light (48 Hours) (AATC TM 16.3, Option3 (Modified)**

Apparatus: Xenon- arc lamp.

Rating: 4.
16. **Tear Strength (BS EN 13937-1).**
 - a. Warp: 20N
 - b. Weft: 15N
17. **Pilling Resistance (BS EN ISO 12945-2) (2000 Rev).** Grade: 4.
18. **Phenolic Yellowing (ISO 105-X18):** Grade: 4.



19. Dimensional Stability of Washing (BS EN ISO 6330) Washing condition 4N, at 40°C, 77% ECE Detergent (A) 20% Sodium Perborate and 3% Bleach Activator (TAED) Solution detergent, 2 kg Loading.

Drying Procedure: Line dry

- a. Warp - (±) 2% (After One wash)
- b. Weft - (±) 2% (After One wash)

20. Tensile Strength (min) (EN 13934-1).

- a. Warp way : More than 800 N
- b. Weft way : More than 450 N.

21. Used chemical for dye must be :

- a. AZO free.
- b. Formaldehyde free.

22. Quality of Cloth. Cloth is to be soft/smooth finished and free from weaving defects, spot free, same shade and good hand feel.

Delivery Requirements

23. Length of Roll (Thaan). Cloth is to be supplied in 109.80 meter roll. Piece of cloth less than 109.80 meter will be accepted as the multiplication of 5.49 meter but pieces less than 10.98 meter will not be accepted.

24. Packaging.

- a. Good quality paper tube is to be used to make a roll of 109.80 meter cloth.
- b. Each roll of cloth is to be covered with transparent polythene.
- c. Each bale (six rolls) is to be packed with hessian cloth and tied with ploy brand strap.

25. 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) Production month and year.
- (3) Bangladesh Navy.
- (4) 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 and acceptance (CINS will make endorsement after inspection).

Shipment and Delivery

Place of Delivery. The supplier will arrange shipment of the item to



Chattoqram without import duties. Consignee address is as follows:

The Commanding Officer
Naval Store Depot (NSD)
New mooring, Chattoqram, Bangladesh

27. **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	Installment(s)	Delivery Time After Signing the Contract	Quantity
CO NSD Ctg	01 (One)	180 days	15,000 Mtr

28. **Warranty.** Supplier is to give warranty certificate for cloth synthetic/cotton shirting which should clearly fulfill following requirements:

a. 18 (Eighteen) month Shelf life (from the date of acceptance) against material and color i.e. color and material quality will remain unchanged for 18 month in normal storage condition. If the color 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. Contract number should be mentioned in the warranty certificate:

29. **Factory/Manufacturer Certificate.** Relevant Factory/Manufacturer certificate is to be submitted during submission of tender offer.

30. **Quality Assurance Certificate(QAC).** QAC from the manufacturer is to be given along with each consignment.

31. **Shade Card;** Supplier will submit batch wise shade card during delivery. Shade Batch number should be mentioned roll wise in packing list.

32. **Inspection by CINS.**

a. CINS will inspect and test cloths at NSD Ctg/factory premises as follows:

- (1) Quality of material
- (2) Quantity
- (3) Design outlook.
- (4) Dimension and other parameter given in the specification.
- (5) 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.



33. Inspection by Consignee. At the time of delivery consignee will inspect the following:

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

Other Required Information for Bidders

34. Evaluation of Offer. 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 tender specification.
- e. Price.

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

36. Payment. Payment will be made in BDT as per DGDP regulations.

37. Liquidated Damage (LD). LD will apply as per DGDP regulation.

38. Sample Submission.

- a. Bidder is to submit 06 meters of cloths along with tender offer as sample. Cloths 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.
- b. Supplier must provide the certificate of the manufacturer that the sample is produced by the manufacturer in their own factory.
- c. When the purchase order is given, the supplier will supply the ordered item from the manufacturer who produced the sample. While delivering the final Product, Certificate to this effect is to be provided by the manufacturer.

39. Validity of Offer Required. Tender offer must be valid for 180 days from the date opening tender.

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

Item	Qty (Mtr)	Unit Price (Taka)	Total Price (Taka)
Cloths synthetic/cotton Shirting	15,000		

41. Compliance. A compliance statement fulfilling all the requirements 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 synthetic/cotton shirting. The deviation has to be spelt out clearly.