

RESTRICTED

INSPECTORATE OF GENERAL STORES & CLOTHING
DHAKA CANTONMENT

SPECIFICATION NO: IGS&C/GS/1239

DT: 28 JAN 2024

DRAWING NO: BD-GS-PD-1960 & 1961. VOCAB SECTION: KC. CAT/PART NO: 8328 & 8327.

NOMENCLATURE: **BLANKET OFFICERS SYNTHETIC (SINGLE & DOUBLE)**

(IN SUPERSESSION OF PREVIOUS SPECIFICATION NO IGS&C/GS/1126 & 1125 AND DRG NO. BD-GS-PD-1839 & 1838 (A, B & C) DT 15 JAN 2020)

1. **General Description:** These blanket are characterized by their incredible softness and warmth. These should be made from high quality fine acrylic micro fiber which enables warmth even in extreme cold. These blanket are thick having higher piles which provides better cushioning effect and enhance comfort. Piles should not shed and must last for years. User should be able to machine wash the blanket number of times. The acrylic piles should provide the softness while the polyester base should keep the mink blanket away from wrinkling. They must be highly durable, eco-friendly and manufactured from materials not harmful for human body.

2. **Material of Blankets**

Ser	Name of Component	Material
a.	Piles	100% Acrylic
b.	Base Cloth	100% Polyester
c.	Type of Weave	Mink (Piles).

3. **Color**

Ser	Name of Item	Name of Color	Pantone Color
a.	Blanket Officers Synthetic Single & Double	Beige	Pantone color code no: 14-1118 TCX Pantone color Name: Beige
		Cream Tan	Pantone color code no: 12-0601 TCX Pantone color Name: Eggnog
		Gray Violet	Pantone color code no 16-3915 TCX Pantone color Name: Alloy
		Fawn	Pantone color code no 14-1107 TCX Pantone color Name: Oyster Gray
		M Camel	Pantone color code no 17-1128 TCX Pantone color Name: Bone Brown
		Light Coffee	Pantone color code no 17-1328 TCX Pantone color Name: Indian Tan

Note:

1. Suppliers may choose any 03 (Three) colors from the above mentioned 06 (Six) colors.

2. Suppliers may see the approved shade/color swatch held at IGS&C after purchasing tender schedule from DGDP/COD.

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Test Parameters.

Ser	Name of Tests	Test Method	Rating Scale
a.	<u>Washing Test No-2</u>	ISO-105 CO2	Grey scale rating 4/5
	(1) Soap (Alkali free) - 0.2% (2) Temperature - 60°C (3) Time - 1½ (One and half) hours		
b.	Color fastness to Sunlight Machine (72 hours)	ISO 105 -BO2	Grey scale rating 4/5
c.	Weight per square meter (GSM)	ISO-3801	700 ± 25 gm
d.	B.S in Kg (1) Warp (2) Weft	ISO 13934-1	60±5 Kg (Min) 80±5 Kg (Min)
e.	Dry Wash	-	Should not show any change in shade
f.	Design of Blanket (Face Side)	-	Suitable asthetic embossed design

5. **Dimensional Measurement.**

Ser	Description	Measurement	
		Single	Double
a.	Length of Blanket	250±5 cm	250±5 cm
b.	Width of Blanket	160±5 cm	200±5 cm
c.	Weight of each Blanket	2800±100 gm	3500±100 gm
d.	Width of Hem	3.0 cm	3.0 cm

6. **Carrying Bag for Blanket (Single and Double).**

Ser	Description	Specification
a.	Material	Transparent Plastic
b.	Thickness of Plastic	0.4 mm
c.	Size of bag (L X H X W)	Appropriate size
d.	Size of handle (L x Cr)	As appropriate
e.	Distance of joint of handle from top	03 cm
f.	Distance between two joint portion of handle	15 cm
g.	Dia of GI wire used in the hem both side of bag	02 mm
h.	Length of Zipper	As appropriate
j.	Color of Zipper	Any color (Nylon)

7. **Carton.**

- Carton must be made of good quality virgin material and must have 09 (Nine) plies.
- Carton edge crush test must be followed ISO: 3037: 2022(E) standard-600N (Min).

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8. **Zipper.** Zipper must be made in good quality virgin material.

9. **Packing Details.**

Ser	Packing	Material	Properties
a.	Individual packing	Plastic carrying bag	(1). 01 (One) Blanket in a carrying bag as per serial 6. (2). 04 (Four) nos naphthalene ball (Large size).
b.	Box carton	Corrugated paper	(1). 06 (Six) nos of Blankets in each carton. (2). The carton must have 05 (Five) Securing Poly Propylene straps including metal clip.

Note: Top and bottom side of the carrying bag to be printed with following information's:

- BANGLADESH SENABAHINI.
- Name of Blanket.
- Size of Blanket.
- Net weight of Blanket.

10. **Carton Drop Test.** Carton used for packing should be of high quality. The carton should not crack in drop test while it is filled up with the concerned products in actual quantity and dropped for 03 (Three) times from 02 (Two) meter height in any direction.

11. **Marking on Item.** Label should include methods for washing, drying along with mentioned below:

Item	Marking	Material & Size	Remark
Main Label Should be attached at one corner of the Blanket.	• BD ARMY • Product Name & Size • Name of Supplier • Cont. No & Dt. • Manufacturing Month & Year • Warranty/Guarantee/ Shelf life	a. Cloth of Label: Polyester b. Coating: Poly Urethane (PU) c. Size: 04X08 cm	Indelible black color letters on white background
Washing & Care Label Should be attached with main label.	• Washing/Cleaning and Care instructions as required.		

Note:

- For Local Purchase:** LP of COD/Depot should be mark on the label with other information.
- Approval for the labels to be taken from IGS&C before going for bulk Production.

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12. Marking on Master Carton.

One Side		On the Other Side
<u>For Central Purchase</u> (1) Bangladesh Army (2) Name of Store & size (3) Name of supplier & address (4) Cont no & dt (5) Month & year of production (6) Quantity of the item packed (7) I/Note no & Date (8) Warranty/Guarantee/Shelf life	<u>For Local Purchase</u> (1) Bangladesh Army (2) Name of Store & size (3) Name of supplier & address (4) Purchase no & dt (5) Month & year of production (6) Quantity of the item packed (7) Warranty/Guarantee/Shelf life	Consignee's Name & Address.

13. Samples.

Type of Sample	Quantity	Remarks
Tender Sample (Complete)	06 (Six) nos (03 nos single for 3 colors & 03 nos double for 3 colors) should be submitted as tender sample with carrying bag	Free of cost
Advance Sample	02 (Two) nos samples of each color & size should be submitted as Advance sample with carrying bag and packing materials.	Sample should be submitted within 30 (Thirty) days at free of cost after signing the contract.
Advice Sample (if require)	02 (Two) nos samples of each color and size should be submitted as Advice sample with carrying bag and packing materials.	
BR Sample	a. 02 (Two) nos samples of each color and size will be collected as BR sample from each challan.	Free of cost.

14. Hemming. All sides of the Blanket will be secured with artificial silk/polyester cloth (Glossy) of the same color, both face seamed by double niddle flat lock and hamming joint must be bartek stitching with same color thread. The corners of the blanket should be round shaped as per the approved sample, held in IGS&C, Dhaka Cantt.

15. Piles. Piles of the Blanket should be uniform throughout the blanket. The piles should be so firm that it should not be pulled off with normal pull and rubbing. There should not be any missing piles.

16. Feel & Finish. Blanket must have smooth and soft finish all over the surface.

17. Country of Origin. To be mentioned by the supplier.

18. Year of Manufacture. The Blanket must be manufactured after signing of contract. Manufacturer must provide a certificate in this regard.

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19. **Quality Inspection by the Manufacturer.** The Manufacturer must provide a certificate (With each challan) that they have carried out a comprehensive quality inspection/test at their end. They also should certify about the following:

- a. The supplied products are manufactured as per specification.
- b. The supplied products are tested as per specified test methods mentioned in the specification. These tests must be conducted from any internationally reputed laboratory and submitted with every challan.

20. **Certificate.** Following certificates must be provided during submitting Tender sample and Bulk supply:

- a. Country of origin certificate from Manufacturer.
- b. Brand new certificate from Manufacturer.
- c. Certificate of year of production.
- d. Genuine supplier certificate from Manufacturer.
- e. Warranty/Guarantee Certificate from Manufacturer.
- f. Shelf life certificate from Manufacturer.
- g. Health hazard certificate from Manufacturer.
- h. All certificates have to be submitted in original letterhead pad duly endorsed by Manufacturer and supplier.

21. **General Instructions.**

- a. The blankets should not have any manufacturing defects, shade variation or any other flaws/defects.
- b. There should be no missing thread/piles, no porosity, thick and thin etc.
- c. No chemicals of restricted substance list should be used while manufacturing these blankets. There should not be any banned azo dyes and colorants used while manufacturing blankets.
- d. If any sample (Tender, Advance & BR) cannot be tested by IGS&C then those should be tested at any internationally reputed laboratory in Bangladesh. The supplier should pay tests cost as per DP-35 sub para-12 (A & B).

22. **Pre-Shipment Inspection (PSI).** Necessity of PSI will be determined by AHQ, MGO Br, ITD Dte. PSI criteria will be determined by IGS&C and vetted by ITD Dte before signing of contract. If purchaser desires not to conduct PSI then the supplier will sent the Quality Assurance Certificate (QAC) by the manufacturer which will be vetted by ITD Dte and on acceptance, ITD Dte will give shipment clearance to DGDP. Basing on the ITD Dte shipment clearance letter, DGDP will give the final shipment clearance letter to supplier. Along with the QAC supplier has to submit the certificate that they have conducted all related tests to ensure all the parameters of Blanket are as per the specification. Supplier also has to submit test results along with the QAC. All certificates, test results etc has to be submitted in manufacturer's original letter head pad, duly endorsed.

23. **Post-Shipment Inspection.** On arrival of stores in Bangladesh (Consignee's end at COD or any other place decided by CI, IGS&C) Bulk Representative (BR) Sample will be drawn at random for carrying out laboratory tests. Once laboratory test is found satisfactory only then detail 100% inspection of stores will be done and final inspection note will be issued. At the time of inspection, the supplier or his local agent shall remain present. If any supplied item is found not as per contract during Post Shipment inspection, item will not be accepted. In such case, the item will be replaced by the supplier at their own cost.

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24. **Shipment.**

- a. Stores must be shipped from the country of manufacture.
- b. Transshipment is not allowed.
- c. No stores will be shipped (In case of foreign supply) without the clearance of appropriate authority.
- d. All stores must be supplied within the stipulated delivery schedule.

25. **Test Report and Quality Control Certificate by Supplier.** Supplier has to provide fabric/product test report (for tests mentioned at ser 2, 3, 4, 6 & 7) from any reputed testing organization (e.g. Intertek, SGS, Bureau veritas etc) along with advance sample and subsequent each challan. Supplier should also provide Quality Control (QC) certificate that they have carried out a comprehensive quality inspection at their end and they are fully confirmed and satisfied according to the points as mentioned below along with each challan:

- a. Products are produced/manufactured as per specification.
- b. Products are tested/inspected as per the specified tests mentioned in this specification and found correct.

26. **Warranty/Guarantee/Shelf life.** Warranty/Guarantee/Shelf life certificate from the manufacturer should be provided by the supplier to the effect that the Blanket Officer supplied are brand new, complete with material and good workmanship throughout and in the event of any shortage, defects/damages being found after inspection, the defective stores should be replaced by the supplier at their own cost within 45 (Forty five) days of the case arises. The **warranty/guarantee/shelf life period will be 72 (Seventy two) months** and should be counted only after the "Inspection Note" is issued by Inspectorate of General Stores & Clothing (IGS&C). The defective blankets should be replaced by the manufacturer/supplier at their own cost within 72 (Seventy two) months as the case arises.

27. **Advance & Bulk Representative Sample.**

- a. **Advance Sample.** 02 (Two) nos samples of each color & size should be submitted as advance sample with carrying bag & packing materials at free of cost. In case of foreign supply where Pre Shipment Inspection (PSI) will be conducted the Advance sample may not be required. Instead PSI team will collect samples as per requirement (Minimum 02 (Two) samples from each color) during PSI and bring those to Bangladesh. IGS&C will carry out necessary tests and visual inspection. Tests which cannot be conducted at IGS&C laboratory will be conducted at any internationally reputed laboratory and tests fees in this regard to be borne by the supplier as per DP-35.
- b. **Bulk Representative (BR) Sample.** 02 (Two) nos sample of each color & size will be collected as Bulk Representative (BR) sample from each challan. BR sample must be provided by the supplier at free of cost (i.e. in addition to the contracted quantity) for visual inspection & necessary laboratory tests. All test and all other Inspection will be carried out by Inspectorate of General Stores & Clothing (IGS&C) Dhaka Cantonment.

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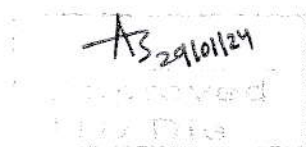
Note.

- a. 100% stores will be inspected by IGS&C to ascertain correctness of stores as per contract and specification.
- b. All blankets supplier shall comply with the terms of this specification and shall in all respects satisfy the inspectorate.
- c. If on examination, 20% of any delivery/challan including packing material is found not in accordance to this specification in respect of design, dimensions, workmanship and finishing the whole consignment may be rejected.
- d. The consignment may be accepted/rejected fully/partially.
- e. Inspector is the authority in all matters pertaining to inspection.
- f. Each accepted blanket shall be clearly marked with Inspector's acceptance mark.
- g. Each rejected blanket shall be clearly marked with rejection mark as per DP-35.
- h. Supplier must be ready to arrange 100% inspection at IGS&C premises or any other place selected by CI, IGS&C.
- j. Rejected stores will be replaced by the supplier at free of cost within forty five (45) days of signing of Inspection Note by CI, IGS&C.

Recommend by



KHANDAKER YUSUF HASAN
Col
Chief Inspector

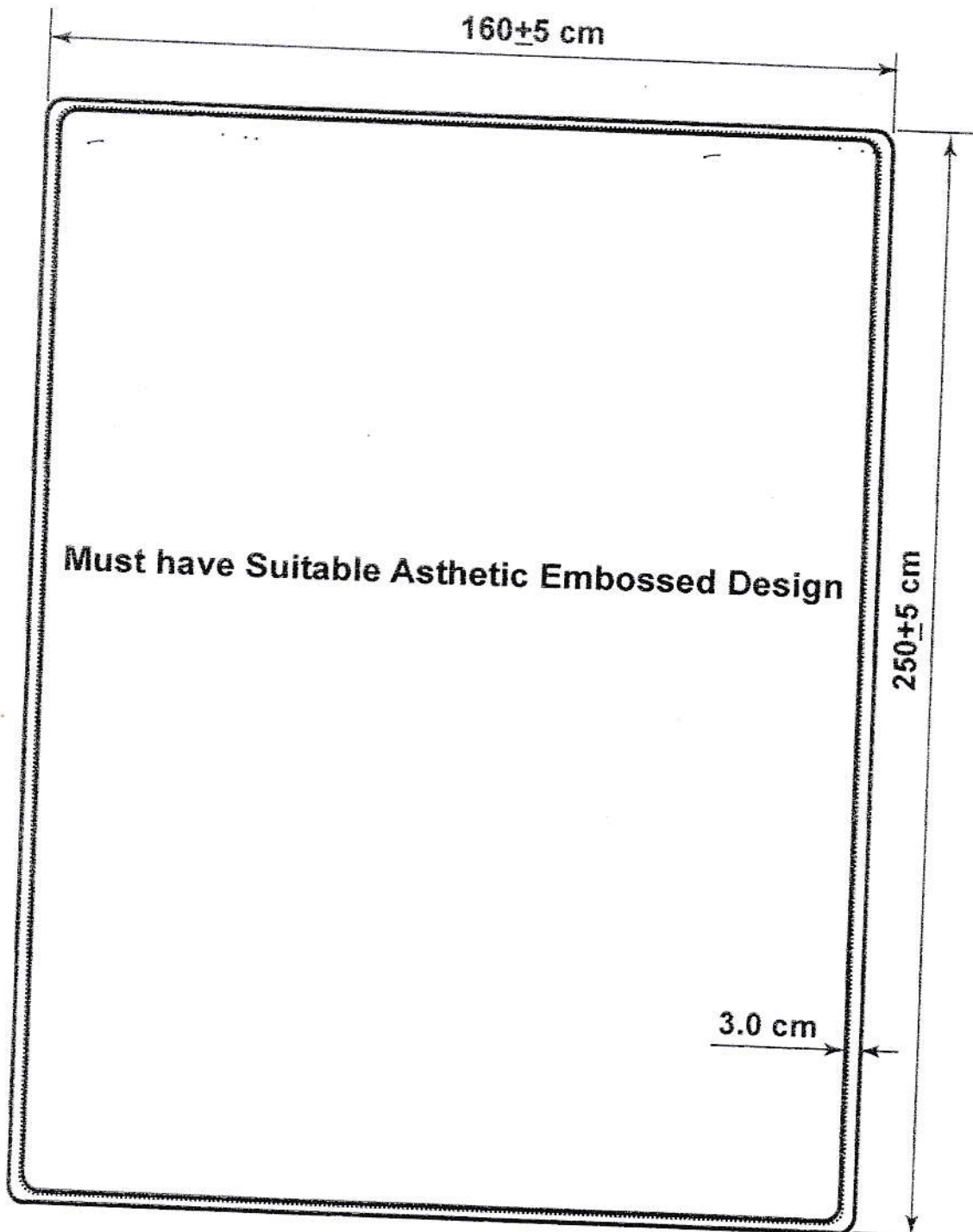


Approved by

Director, ITD Dte

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BLANKET OFFICERS SYNTHETIC (SINGLE)



Design : Suitable Asthetic Embossed



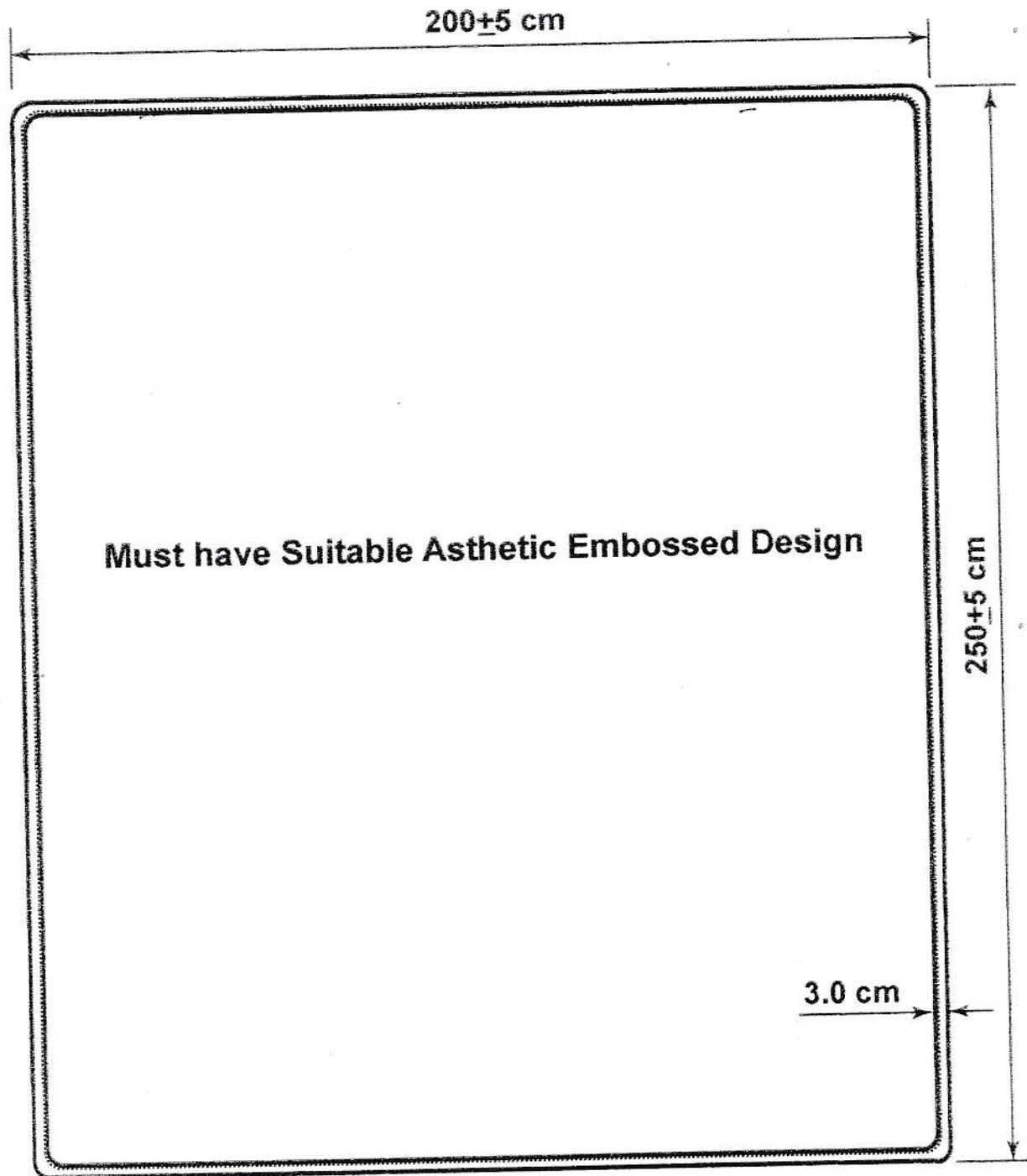
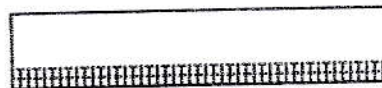
Hemming Stitch

Approved

MD 013

ALL MEASUREMENTS SHOWN IN CM

DRAWN	Nadim	RECOMMENDED	DATE	TITLE:	IGS&C
COMPARED	H	APPROVED		<u>BLANKET OFFICERS SYNTHETIC (SINGLE)</u>	DHAKA CANTT
CHECKED		DATE			DRG NO BD GS
PASSED		NOT TO SCALE			PD-1960

BLANKET OFFICERS SYNTHETIC (DOUBLE)Design : Suitable Asthetic EmbossedHemming Stitch

AB2961124
Approved
ITD Die

ALL MEASUREMENTS SHOWN IN CM

DRAWN	Nadira	RECOMMENDED	29/6/24	TITLE: <u>BLANKET OFFICERS SYNTHETIC (DOUBLE)</u>	IGS&C
COMPARED	46	APPROVED			DHAKA CANTT
CHECKED		DATE			DRG NO BD GS
PASSED		NOT TO SCALE			PD-1961