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INSPECTORATE OF GENERAL STORES & CLOTHING  
DHAKA CANTONMENT

SPECIFICATION NO: IGS&C/CLO/1106 DT: 04 JUL 2019 DRAWING NO: NIL

VOCAB SECTION: CA CAT/PART NO: NIV

NOMENCLATURE: CLOTH POLYESTER PEARL WHITE FOR MESSKIT (SHIRT)

(In suppression of previous technical specification no IGS&C/CLO/1078 dt.08 Nov 2018).

1. Basic Materials

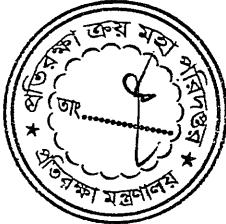
Name of Component	Materials
Basic Materials	100% Polyester

2. Parameters of Material

Name of Component	Chemical/Physical Properties	Visual Properties
Width of Cloth	-	147 cm (Minimum)
Selvage	-	2.0 cm
Type of Weave	2/1,1/1,2/1,1/1.....	-
Wt/Sq Meter	195 $\pm$ 5 gm	
Denier of Yarn in Warp & Weft	160.0 <sup>d</sup>	
<u>No of Threads/2.54 cm (Method: ISO 7211/2)</u>		
a. Warp	147 $\pm$ 2 nos	
b. Weft	110 $\pm$ 2 nos	
<u>Tensile Strength in kg (Method: ISO 13934-1)</u>		
a. Warp	200 $\pm$ 5 kg	
b. Weft	140 $\pm$ 5 kg	
<u>Shrinkage - By Machine (Method: BDS ISO 7771)</u>		
a. Warp	2% (Max)	
b. Weft	2% (Max)	

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Name of Component	Chemical/Physical Properties	Visual Properties
Classification of Dyestuff	Disperse Dyestuff	
Wrinkle Recovery Properties	-	Should be Wrinkle free
Shade	Pantone Colour Code-11-0701 TCX	<b>Pearl White</b> (As per Approved Sample held in IGS&C)

**3. Test Parameters**

Name of Test	Test Method	Rating
Washing Test no - 2	ISO 105 C02	Grey scale rating better than 4
Rubbing Test (Rubbing with ordinary soap in cold water & hot water at 60° centigrade temperature)	-	Grey scale rating better than 4
Sunlight Test (72 Hrs)	ISO 105 B02	Grey scale rating better than 4
Resistance to Pilling	ISO 12945-1	Rating grade better than 3
Resistance to Abrasion	ISO 12947-1	Rating grade better than 3

**Note.**

- a. Shade must be as per Approved Sample held in IGS&C.
- b. Cloth should be free from all kinds of Defects, i.e Unevenness, Naps, Slabs, Knots, Weaving Defects, Viscose, Rayon, Thread missing and Foreign Materials etc and there should not be any joint.
- c. The Cloth must be very clean. Any Patchy dye, Staining and Defect of Dyeing will not be acceptable.
- d. Finishing of Cloth must be smooth and soft.

**4. Length of Thaan.** Each Thaan must be multiple of 1.83 metre except Marking allowance of end.

**5. Packing** Quantity of each Roll is to be 124.44 to 150.06 metre and each Roll should be packed in the following process :

- a. Each Thaan should be rolled on a good quality paper tube and packed in Polythene. Then wrapped with good quality Hessian Cloth.
- b. One edge of Hessian Cloth to be stitched and other edge of Hessian Cloth to be tied with twine Jute.

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6. Marking (Thaan)

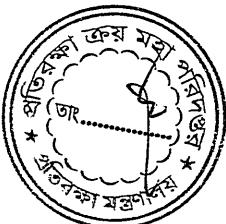
- a. In case of central procurement name of the supplier, contract no & date, challan no & dt have to be weaved clearly on the selvage and it should be weaved twice in every one metre (Example XXXX Ent, Cont. No.XXXXXXXXXX Dt. XX Feb 19, Challan-1/19 Dt. Jul 19).
- b. In case of local purchase name of the supplier, contract no & date, challan no & dt, LP by COD have to be weaved clearly on the selvage and it should be weaved twice in every one metre (Example XXXX Ent, Cont. No.XXXXXXXXXX Dt. XX Feb 19, Challan-1/19 Dt. Jul 19, LP by COD).
- c. Both ends of a thaan to be marked of 100% inspection acceptance marks, length of thaan and the word "SENABAHINI" with indelible ink.

7. Marking (Roll) One side of Roll to be stenciled with nomenclature of store, firms name, contract no & date, I/note no & date and total quantity of store and other side to be stenciled with consignee, roll no & firms name.

8. Samples

Sample Type	Quantity of Samples	Remarks
Tender Sample	03 Metre Cloth to be submitted as Tender Sample.	All Sample Will be provided by the supplier at free of cost.
Advance Sample	03 Metre Cloth to be submitted as Advance Sample with packing material.	
Advice Sample (If need)	03 Metre Cloth to be submitted as Advice Sample.	
BR Sample	06 (Six) Metre Samples of each shade for per challn per 1000 metre to be collected for lab and visual test/inspection.	

9. Warranty/Guarantee The warranty/guarantee period of the store will be 60 (Sixty) months from the issue of 'Inspection Note' by IGS&C. In this regards the manufacturer/supplier should provide a warranty/guarantee certificate regarding durability of the supplied stores. If supplied stores found defective within 60 (Sixty) months during storage or 06 (Six) months of intended practical use (Under normal use with standard maintenance) then the defective Cloth should be replaced by the manufacturer/supplier at their own cost within 30 (Thirty) days at COD, Dhaka Cantt as the case arises.



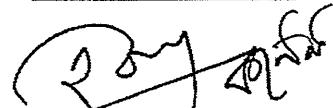
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10. **Test Report and Quality Control Certificate by Supplier.** Supplier has to provide fabric/product test report (for tests mentioned at ser 1 - 3 ) from any reputed testing organization (e.g. Intertek, SGS, Bureau veritas etc) alongwith advance sample and subsequent each challan. Supplier should also provide 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.
- c. Supplier must provide fabric test report. Fabric to be tested from any internationally reputed Laboratory.

11. **Special Condition.** If the stores are produced locally then there should be an agreement between supplier and manufacturer where supplier will produce product from a specific factory (Maximum three factories can be nominated by the supplier to avoid unforeseen situation for which the primarily selected manufacturer or factory owner by the supplier might not be able to run the factory/machineries; i.e natural disaster, unavoidable mechanical failure of machines etc) and submit with Tender. Later the supplier will produce 100% product from the same factory. The supplier must submit one copy of this agreement initially to DGDP. The supplier will submit the final agreement on stamp between supplier and manufacturer to DGDP while contract is being processed with DGDP.

Recommended by

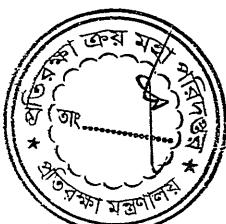


MUHAMMAD HUMAYUN KABIR  
Colonel  
Chief Inspector



Approved by

Director, ITD Directorate



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DHAKA CANTONMENT

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SPECIFICATION NO: IGS&C/CLO/1058 DT: 25 JUN 2018 DRAWING NO: NIL

VOCAB SECTION: CA CAT/PART NO: 0678

NOMENCLATURE: CLOTH POLYESTER BLACK 147.0 CM/152.0 CM FOR MESSKIT (TROUSER)

(In suppression of previous technical specification no IGS&C/CLO/970 dt.04 Jan 2017).

1. Basic Materials

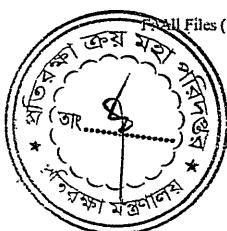
Name of Component	Materials
Basic materials	100% Polyester

2. Parameters of Material

Name of Component	Chemical/Physical Properties	Visual Properties
Width of cloth	-	147 cm (Minimum)
Selvage	-	2.0 cm
Type of weave	2/1,1/1,2/1,1/1.....	-
Wt./Sq. meter	195 $\pm$ 5 gm	
Denier of Yarn in Warp & Weft	160.0 <sup>d</sup>	
<u>No of Threads/2.54 cm (Method: ISO 7211/2)</u>		
a. Warp	147 $\pm$ 2 nos	
b. Weft	110 $\pm$ 2 nos	
<u>Tensile Strength in kg (Method: ISO 13934-1)</u>		
a. Warp	200 $\pm$ 5 kg	
b. Weft	140 $\pm$ 5 kg	
<u>Shrinkage – By machine (Method: BDS ISO 7771)</u>		
a. Warp	2% (Max)	
b. Weft	2% (Max)	

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File No: (INSP-3)SPECIFICATION ALL-2|Cloth Polyester Black.doc



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Name of Component	Chemical/Physical Properties	Visual Properties
Classification of Dyestuff	Disperse dyestuff	
Wrinkle Recovery Properties		Should be wrinkle free
Shade		Black (Pantone Colour Code 19-4004 TCX) (as per approved sample held in IGS&C).

3. Test Parameters

Name of Test	Test Method	Rating
Washing test no - 2	ISO 105 CO2	Grey scale rating better than 4
Rubbing Test (Rubbing with ordinary soap in cold water & hot water at 60° centigrade temperature)		Grey scale rating better than 4
Sunlight Test (72 sunlight hours)	ISO 105 B02	Grey scale rating better than 4
Resistance to pilling	ISO 12945-1	Rating grade better than 3
Resistance to abrasion	ISO 12947-1	Rating grade better than 3

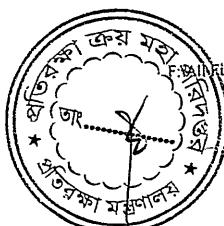
Note.

- Shade must be as per approved sample held in IGS&C.
- Colour/Shade must be fast to sunlight, washing & rubbing test.
- Cloth should be free from all kinds of defects, i.e unevenness, naps, slabs, knots, weaving defects, viscose, rayon, thread missing and foreign materials etc and there should not be any joint.
- The cloth must be very clean. Any patchy dye, staining and defect of dyeing will not be acceptable.
- Finishing of cloth must be smooth and soft.

4. Length of Thaan. Each thaan must be multiple of 1.37 metre except marking allowance of end.

5. Packing Quantity of each roll is to be 124.67 to 150.70 metre and each roll should be packed in the following process :

- Each thaan should be rolled on a good quality paper tube and packed in polythene. Then wrapped with good quality Hessian cloth.
- One edge of Hessian cloth to be stitched and other edge of Hessian cloth to be tied with twine jute.



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6. Marking (Thaan)

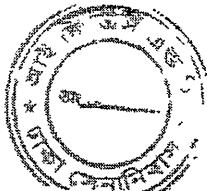
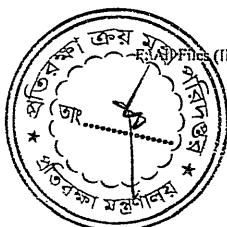
- a. In case of central purchase name of the supplier, contract no & date, challan no & dt have to be weaved clearly on the selvage and it should be printed twice in every one metre (Example XXXX Ent, Cont. No.XXXXXXXXXX Dt. XX Feb 18, Challan-1/18 Dt. Jun 18).
- b. In case of local purchase name of the supplier, contract no & date, challan no & dt, LP by COD have to be weaved clearly on the selvage and it should be printed twice in every one metre (Example XXXX Ent, Cont. No.XXXXXXXXXX Dt. XX Feb 18, Challan-1/18 Dt. Jun 18, LP by COD).
- c. Both ends of a thaan to be marked of 100% inspection acceptance marks, length of thaan and the word "SENABAHINI" with indelible ink.

7. Marking (Roll) One side of roll to be stenciled with nomenclature of store, firms name, contract no & date, l/note no & date and total quantity of store and other side to be stenciled with consignee, roll no & firms name.

8. Samples

Sample Type	Quantity/Remarks
Tender Sample	03 metre printed cloth to be submitted as tender sample
Advance Sample	03 metre printed cloth to be submitted as advance sample with packing material.
Advice Sample (If need)	03 metre printed cloth to be submitted as advice sample
BR Sample	03 (Three) metre samples of each shade for per chain per 1000 metre to be collected for lab test and visual test.

9. Warranty/Guarantee The warranty/guarantee period of the store will be 60 (Sixty) months from the issue of 'Inspection Note' by IGS&C. In this regards the manufacturer/supplier should provide a warranty/guarantee certificate regarding durability of the supplied stores. If supplied stores found defective within 60 (Sixty) months during storage or in practical use (Under normal use with standard maintenance) then defective Cloth should be replaced by the manufacturer/supplier at their own cost within 30 (Thirty) days as the case arises.



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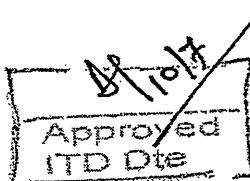
10. Test Report and Quality Control Certificate by Supplier. Supplier has to provide fabric/product test report (for tests mentioned at ser 1 - 3 ) from any reputed testing organization (e.g. Intertek, SGS, Bureau veritas etc) alongwith advance sample and subsequent each challan. Supplier should also provide 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.
- c. Supplier must provide fabric test report. Fabric to be tested from any internationally reputed Laboratory.

11. Special Condition. If the stores are produced locally then there should be an agreement between supplier and manufacturer where supplier will produce product from a specific factory (Maximum three factories can be nominated by the supplier to avoid unforeseen situation for which the primarily selected manufacturer or factory owner by the supplier might not be able to run the factory/machineries; i.e natural disaster, unavoidable mechanical failure of machines etc) and submit with Tender. Later the supplier will produce 100% product from the same factory. The supplier must submit one copy of this agreement initially to DGDP. The supplier will submit the final agreement on stamp between supplier and manufacturer to DGDP while contract is being processed with DGDP.

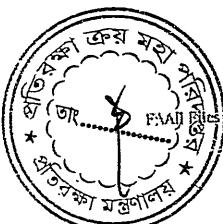
Recommended by

  
S M SHAMSUL SALEKIN  
Colonel  
Chief Inspector



Approved by

Director, ITD Directorate



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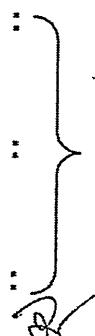
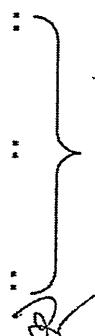
SPECIFICATION NO. IGS&C/CLO/ 965 DT: 04 JAN 2017 DRAWING NO. Nil

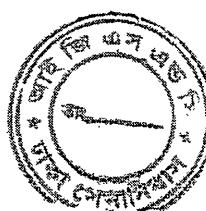
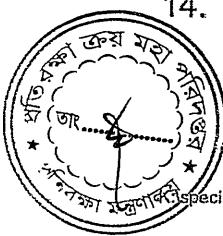
VOCAB SECTION: CA

CAT/PART NO. 0750

NOMENCLATURE: RONGIN SYNTHETIC/WOOLEN CLOTH 152-158 CM (FOR SPORTS COAT)

(In suppression of previous tech data no IGS&C/CLO/804 Dt. 14 Oct 2015)

Ser.	Description	Specification
1.	Material %	: 70% Polyester $\pm$ 2% 30% Viscose $\pm$ 2%
2.	Shade	: Navy Blue - Pantone colour code-19-4013 Tcx (as per approved)
3.	Type of Weave	: 2/1, 1/1, 2/1, 1/1 ..... 2/1, 1/1
4.	Width of Cloth	: 152-158 cm
5.	Width of Selvage	: 2 cm
6.	Wt/sq Meter	: 210 $\pm$ 5 gm
7.	<u>No of Threads/2.54 cm</u>	
	a. Warp	: 109 $\pm$ 1 Nos (Single each 2 folds)
	b. Weft	: 101 $\pm$ 1 Nos (Single each 2 folds)
8.	<u>Count of Yarn</u>	
	a. Warp	: 2/50 <sup>s</sup> $\pm$ 1
	b. Weft	: 2/50 <sup>s</sup> $\pm$ 1
9.	<u>Shrinkage percentage</u>	
	a. Warp	: 2% (Max)
	b. Weft	: 2% (Max)
10.	<u>Tensile Strength</u> (B.G 10.16 X 16.82) cm	
	a. Warp	: 205 $\pm$ 5 kg
	b. Weft	: 175 $\pm$ 5 kg
11.	Wrinkle Recovery Properties	: Should be wrinkle free.
12.	<u>Dye-fastness to Washing</u>	
	a. Test No-2.	: 
	b. Test No-4.	: 
13.	<u>Dye-fastness to Rubbing Test</u> (Rubbing with ordinary soap in cold water and hot water at 60 <sup>0</sup> C)	: Grey scale rating 5.
14.	Sunlight Test (72 hours)	: 



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15. Resistance to pilling & abrasion : Grading scale 3 (Min).

16. Classification of dye stuff : Vat & Disperse.

17. Note

- Shade must be as per approved sample held in IGS&C.
- Shade must be fast to sunlight, washing & rubbing test.
- Cloth should be free from all kinds of defects, i.e unevenness, naps, slubs, knots, weaving defects, rayon, threads missing & foreign materials etc and there should not be any joint.
- The cloth must be very clean. Any patchy dye, staining and defect of dyeing will not be acceptable.
- Finishing of cloth must be smooth and soft.

18. Length of Thaan. Each thaan must be multiple of 1.83 metre except marking allowance of end.

19. Marking (Thaan)

- Name of the supplier and month with year of production have to be weaved clearly on the selvedge and it should be weaved twice in every one meter for central purchase (Example: ABCD TEXTILES, 02- 2017) and for local purchase by COD (Example: ABCD TEXTILES, 02- 2017, LP COD).

Note

In case of tailoring complete dress the selvedge along with the above information should be visible in inner side of coat.

- Both ends of a thaan to be marked of 100% inspection acceptance marks, length of thaan, and the word "SENABAHINI" with indelible ink.
- Any colour stripe near the selvedge of cloth will not be allowed.

20. Packing. Quantity of each roll is to be 124.44 to 150.06 metre and each roll should be packed in the following process:

- Each thaan should be rolled on a good quality paper tube and packed in polythene. Then wrapped with good quality Hessian cloth.
- One edge of Hessian cloth to be stitched and other edge of Hessian cloth to be tied with twine jute.

21. There should be an agreement between supplier and manufacturer where supplier will produce product from a specific factory (Maximum three factories can be nominated by the supplier to avoid unforeseen situation for which the primarily selected manufacturer or factory owner by the supplier might not be able to run the factory/machineries; i.e natural disaster, unavoidable, mechanical failure of machines etc) and submit with Tender. Later the supplier will produce 100% product from the same factory. The supplier must submit one copy of this agreement initially at DGDP. The supplier will submit the final agreement on stamp between supplier and manufacturer to DGDP while contract is being processed with DGDP.



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22. Warranty/Guarantee. The warranty/guarantee period of the store will be 60 (Sixty) months from the issue of 'inspection note' by IGS&C. In this regards the manufacturer/supplier should provide a warranty/guarantee certificate regarding durability of the supplied store if found abnormally defective within 60 (Sixty) months being stored or in practical use (Under intended normal use with standard washing using commonly available soap washing/detergent in the market and dried in the shade). The defective Rongin Synthetic/Woolen Cloth should be replaced by the manufacturer /supplier at their own cost within 30 (Thirty) days as the case arises.

23. Quality Inspection by Supplier. Supplier to provide a certificate (Along with all challan) that they have carried out a comprehensive quality inspection at their end and they are fully confirmed and satisfied about the following:

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

24. Tender Sample. 03 (Three) Metre cloth to be submitted as tender sample.

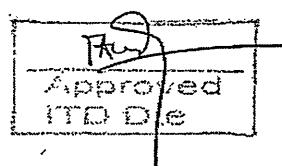
25. Advance Sample. 03 (Three) Metre cloth with packing material to be submitted as advance sample.

Recommended by



MD. SHARIF HOSSAIN  
Colonel  
Chief Inspector

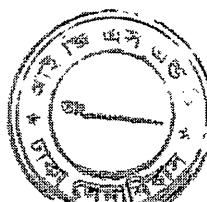
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Director, ITD Dte



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INSPECTORATE OF GENERAL STORES & CLOTHING  
DHAKA CANTONMENT

SPECIFICATION NO. IGS&amp;C/CLO/915 DT. 10 SEP 2016 DRAWING NO. NI

VOCAB SECTION - CLOTHING CAMPART NO. 07/51

NOMENCLATURE COLOURED WORSTED CLOTH 143-152 CM (FOR SPORTS TROUSER)

(In supersession of previous specification no IGS&amp;C/CLO/760 dt 14 May 2015)

## 1. Percentage of Basic Material:

a. Polyester : 65%  
 b. Cotton : 35%

2. Type of Weave : 2/1, 2/1 ..... 2/1, 2/1

3. Shade : Dark Beige Colour  
 (Pantone colour code- 15-1304 TCX)

4. Width of cloth : 143 -152 cm

5. Width of selvage : 0.60 cm

6. Weight/sq.metre : 230±5 gm

## 7. No of Threads/2.54 cm.

a. Warp : 130±2 (Single each 2 folds)  
 b. Weft : 75±2 (Single each 2 folds)

## 8. Count of Yarn:

a. Warp : 2745.00  
 b. Weft.

## 9. Average Breaking Strength (Within 10.16 X 16.82 cm grip).

a. Warp : 250 kg (Min)  
 b. Weft : 160 kg (Min)

## 10. Shrinkage percentage:

a. Warp  
 b. Weft : 2.0% (Max)

## 11. Feel &amp; Finish : As per approved sample held in IGS&amp;C.

## 12. Dye Fastness.

a. Washing test no - 2. : No change (Grey scale rating 5).

(1) Material : 0.2% Alkali free soap  
 (2) Temperature : 60° Centigrade  
 (3) Time : 1½ (one & half) hours

b. Washing Test no - 4. : No change (Grey scale rating 5).

(1) Material : 0.2% Sodium carbonate &  
 0.5% Soap (free alkali)  
 (2) Temperature : 93° Centigrade  
 (3) Time : 4 (four) hours

c. Rubbing. : No change (Grey scale rating 5)

Rubbing with ordinary soap in cold water & hot water at 60° centigrade temperature

d. Sunlight Test (72 sunlight hours) : No change (Grey scale rating 5)

13. Resistance to pilling & abrasion : Grading scale 3/4 (Minimum)

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14. Dyestuff:

Reactive & Disperse dye

15. Length of Than:

Minimum 41.10 metre and so on which should be multiple of 1.37 metre. Extra marking allowance of minimum 15 cm to be given in each than.

16. Special Condition:

a. There should be an agreement between supplier and manufacturer where supplier will produce product from a specific factory (Maximum three factories can be nominated by the supplier to avoid unforeseen situation for which the primarily selected manufacturer or factory owner by the supplier might not be able to run the factory/machinery, i.e. natural disaster, unavoidable mechanical failure of machines etc.) and submit with tender. Later the supplier will produce 100% product from the same factory. The supplier must submit one copy of this agreement initially at DGDP. The supplier will submit the final agreement on stamp between supplier and manufacturer to DGDP while contract is being processed with DGDP.

17. Warranty/Guarantee. The warranty/guarantee period of the store will be 36 (Thirty six) months from the issue of inspection note by IGS&C. In this regards the manufacturer/supplier should provide a warranty/guarantee certificate regarding durability of the supplied store. If found abnormally defective within 36 (Thirty six) months being stored or in practical use (Under normal use with standard washing using government supplied soap/washing end sheet in the shade). The defective Coloured Worsted Cloth should be replaced by the manufacturer/supplier at their own cost within 30 (Thirty) days as the case arises.

18. Quality Inspection by Supplier. Supplier to provide a certificate (Along with challan) that they have carried out a comprehensive quality inspection at their end and they are fully confirmed and satisfied about the fol:

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

19. Packing. Quantity of each roll is to be 125 to 150 metre and each roll should be packed in the following process:

- Each thanan should be rolled on a good quality paper tube and packed in polythene. Then wrapped with good quality Hessian cloth.
- One edge of Hessian cloth to be stitched and other edge of Hessian cloth to be tied with twine jute.

20. Marking (Thanan)

a. Name of the supplier, contract no & date, challan no & dt have to be weaved clearly by same colour yarn on the selvage and it should be weaved twice in every one meter for central purchase (Example XXXX Ent, Cont. No-XXXXXXXXXXXX Dt. XX Feb 16, Challan-1/16 Dt. Mar 16).

b. Name of the supplier, contract no & date, challan no & dt, LP by COD have to be weaved clearly by same colour yarn on the selvage and it should be weaved twice in every one meter for local purchase (Example XXXX Ent, Cont. No-XXXXXXXXXXXX Dt. XX Feb 16, Challan-1/16 Dt. Mar 16, LP by COD).

c. Both ends of a thanan to be marked of 100% inspection acceptance marks, length of thanan, and the word "SENABAHINI" with indelible ink.

d. Any colour stripe near the selvedge of cloth will not be allowed.

21. Marking (Roll). One side of roll to be stenciled with nomenclature of store, contract no & date, l/note no & date and total quantity of store and other side to be stenciled with consignee, roll no & firms name.



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22. Tender Sample: 03 (Three) Metre cloth to be submitted as tender sample.
23. Advance Sample: 03 (Three) Metre cloth to be submitted as advance sample.

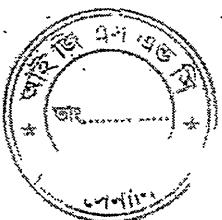
Recommended by

  
MD. SHARIF HOSSAIN  
Col  
Chief Inspector

Approved by

Director, ITD-Dte.

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**INSPECTORATE OF GENERAL STORES & CLOTHING**  
**DHAKA CANTONMENT**

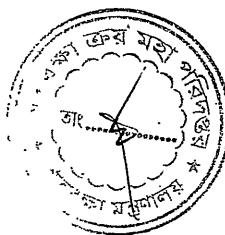
SPECIFICATION NO: IGS&C/CLO/g68 DT: 04 JAN 2017

DRG NO: NIL VOCAB SECTION: CA CAT/PART NO: NIV

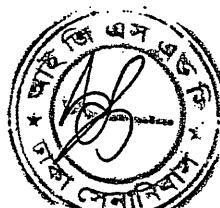
NOMENCLATURE: CLOTH POLYESTER DARK OLIVE GREEN FOR SD

(In suppression of previous technical data no IGS&C/Clo/729 dt. 12 April 2015)

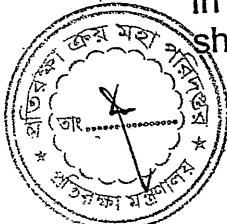
Ser.	Description	Specification
1.	Material	: 100% Polyester
2.	Weave	: 1/1, 2/1, 1/1, 2/1.....(Twill)
3.	Width of cloth	: 147.0 cm (Minimum)
4.	Selvage	: 2.0 cm
5.	Weight per sq metre	: $195 \pm 5$ gm
6.	<u>No of Threads/2.54 cm</u>	
a.	Warp	: $147 \pm 2$ nos
b.	Weft	: $110 \pm 2$ nos
7.	<u>Denier of Yarn.</u>	
a.	Warp	: 160.0 <sup>d</sup>
b.	Weft	: 160.0 <sup>d</sup>
8.	<u>Breaking Strength of Cloth in kg</u> <u>(10.16 X 16.81 cm BG).</u>	
a.	Warp	: 230 kg (Minimum)
b.	Weft	: 190 kg (Minimum)
9.	Shrinkage Percentage.	
a.	Warp	: 2% (Maximum)
b.	Weft	: 2% (Maximum)



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Ser.	Description	Specification
10.	<u>Dye Fastness Test</u>	
	a. <u>Washing test no - 2</u>	
	(1) Reagent: 0.2% Free alkali soap	Should not show any change in shade (Grey scale rating 5)
	(2) Temperature: 60° Centigrade	
	(3) Time: 1½ (one & half) hours	
	b. <u>Rubbing</u>	Should not show any change in shade (Grey scale rating 5)
	(1) Rubbing with ordinary soap in cold water & hot water at 60° centigrade temperature	
	c. <u>Sunlight Test (72 sunlight hours)</u>	Should not show any change in shade (Grey scale rating 5)
11.	<u>Wrinkle Recovery Properties</u>	Should be wrinkle free
12.	<u>Shade</u>	Dark Olive Green (Pantone colour code 19-0414 TCX) (As per approved sample held in IGS&C)
13.	<u>Classification of Dye stuff</u>	Diaperse
14.	<u>Note</u>	
	a. Shade must be as per approved sample held in IGS&C.	
	b. Shade must be fast to sunlight, washing & rubbing test.	
	c. Cloth should be free from all kinds of defects, i.e unevenness, naps, slubs, knots, weaving defects, viscose, rayon, threads missing & foreign materials etc and there should not be any joint.	
	d. The cloth must be very clean. Any patchy dye, staining and defect of dyeing will not be acceptable.	
	e. Finishing of cloth must be smooth and soft.	
15.	Length of Thaan: Each thaan must be multiple of 32 metre except marking allowance of end.	
16.	<u>Marking (Thaan)</u>	
	a. Name of the supplier and month with year of production have to be weaved clearly on the selvedge and it should be weaved twice in every one meter for central purchase (Example: ABCD TEXTILE, 02 - 2017) and for local purchase by COD (Example: ABCD TEXTILE, 02 - 2017, LP COD)	
	<u>Note</u>	
	In case of tailoring complete dress the selvedge along with above information should be visible in inner side of shirt.	



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b. Both ends of a thaan to be marked of 100% inspection acceptance marks, length of thaan, and the word "SENABAHINI" with indelible ink.

c. Any coloured stripe near the selvedge of cloth will not be allowed.

17. **Marking (Roll).** One side of roll to be stenciled with nomenclature of store, firms name, contract no & date, I/note no & date and total quantity of store & roll no and other side to be stenciled with consignee name.

18. There should be an agreement between supplier and manufacturer where supplier will produce product from a specific factory (Maximum three factories can be nominated by the supplier to avoid unforeseen situation for which the primarily selected manufacturer or factory owner by the supplier might not be able to run the factory/machineries; i.e natural disaster, unavoidable mechanical failure of machines etc) and submit with Tender. Later the supplier will produce 100% product from the same factory. The supplier must submit one copy of this agreement initially at DGDP. The supplier will submit the final agreement on stamp between supplier and manufacturer to DGDP while contract is being processed with DGDP.

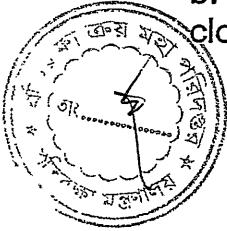
19. **Warranty/Guarantee.** The warranty/guarantee period of the store will be 30 (Thirty) months from the issue of 'inspection note' by IGS&C. In this regards the manufacturer/supplier should provide a warranty/guarantee certificate regarding durability of the supplied store if found abnormally defective within 30 (Thirty) months being stored or in practical use (Under intended normal use with standard washing). The defective store should be replaced by the manufacturer/supplier at their own cost within 30 (Thirty) days as the case arises.

20. **Quality Inspection by Supplier.** Supplier to provide a certificate (Along with challan) that they have carried out a comprehensive quality inspection at their end and they are fully confirmed and satisfied about the following :

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

21. **Packing.** Quantity of each roll is to be 124.8 to 150.4 metre and each roll should be packed in the following process :

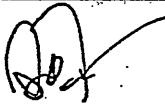
- Each thaan should be rolled on a good quality paper tube and packed in polyethylene. Then wrapped with good quality Hessian cloth.
- One edge of Hessian cloth to be stitched and other edge of Hessian cloth to be tied with twine jute.



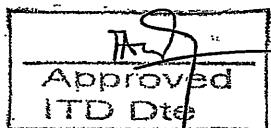
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22. Tender Sample: 03 (Three) Metre cloth to be submitted as tender sample.
23. Advance Sample: 03 (Three) Metre cloth with packing material to be submitted as advance sample.

Recommended by

  
MD. SHARIF HOSSAIN  
Colonel  
Chief Inspector

Approved by



Director, ITD Dte

