

## **Terms and Conditions:**

1. **Specification:** The supply of Suiting & shirting fabric, Salwar Kameez should strictly confirm to the specification enclosed along with this Enquiry.

2. **Sample at tender stage:** Samples of minimum three meters in Smoke grey (for shirting, suiting and salwar kammez), Pantone shade no. 16-1305 TCX (as per the specification) to be submitted with the company's name printed/written in black ink along with Govt approved lab / NABL accredited lab report along with the tender.

Sample shall reach

Vendor Complex ,

Ground Floor, Admin Building

BHEL, RC Puram, Hyderabad, Telangana-502032

04023183137, 04023184411.

3. **Sample at 1st Stage after placement of PO:** Vendor shall submit a three-mtr sample both in suiting and shirting, as per our specification, prior to bulk manufacture for BHEL's evaluation. Samples will be tested for all parameters in Regional Lab/**NABL accredited labs**. Such testing expenses charged by Regional Lab will have to be borne by the vendor. Vendor shall start bulk manufacture only after getting BHEL' approval.

4. **Colour Shade:** Smoke grey, Pantone shade no. 16-1305 TCX shall be maintained uniformly throughout the entire supply. The colour/shade of the shirting should match with the shade of SUITING material.

5. **Printing Year of Mfr:** Year of manufacturing shall be printed in all cut-length fabrics.

6. **Inspection:** Inspection will be carried out at any stage of the execution of order. Finished goods will be inspected at the vendor's works prior to dispatch.

7. **Sample at 2nd Stage after placement of PO:** After completion of bulk manufacturing, random samples of suiting and shirting (& salwar kameez) will be picked up by BHEL Team and will be subjected to testing at Regional Lab/ **NABL accredited labs** to evaluate conformance of all parameters to our specification. Test results will be communicated to vendor. The samples approved at 1<sup>st</sup> stage -prior to mass production - shall be the final acceptance criteria for the supplies. All Testing charges will have to be borne by the vendor

8. **Packing:** (a) Two Piece of shirting and One piece of suiting (One Set) of respective size (Standard ) shall be neatly packed in a durable polythene cover and shall be made as one Packet with a carry bag, to facilitate distribution to individual employees. (As per sch 1 & 2 of spec)

( b) Salwar Kameez: One piece of 5 mtr length fabric shall be neatly packed in a single durable polythene cover as one packet. In order to facilitate distribution to individual employees, a carry bag of suitable size to cover materials. (As per sch 3 of spec)

9. **Despatch clearance:** Despatch clearance will be given by BHEL based on the test results and the vendor shall start dispatch only after getting clearance from BHEL.

10. **Guarantee/Warranty Clause:** The successful vendor shall give an Undertaking as below:  
*IN THE EVENT OF ANY COMPLAINTS ON COLOUR FASTNESS/SHADE FADING AWAY AND MATERIAL DEFECTS INCLUDING SURFACE FINISH, IDENTIFIED WITHIN SIX MONTHS FROM THE DATE OF DELIVERY AT BHEL STORES, THE SAME WILL BE ATTENDED/REPLACED FREE OF COST SUBJECT TO HANDLING PARAMETERS.*

11. *Delivery period: within 60 days from the date of PO.*

## **PQC:**

1. The Average annual Financial turnover during last 03 (three) years, ending of the previous financial year, should be at least **INR 10 lakhs (In Words, Indian Rupees Ten Lakhs )** and positive net worth as per latest balance sheet. The bidder has to submit financial accounts comprising of Balance Sheet, Profit & Loss A/c Statement and Notes/Schedules pertaining to Turnover/Sales/Revenue, certified by Chartered Accountant for the last three years as on tender due date to review the above criteria.
2. In case of final audited balance sheet / Profit & Loss, statement for the last year is not available, provisional statement for the same duly certified by Chartered Accountant must be submitted.
3. In case audited financial statements have not been submitted for any of three years as indicated above, then the applicable audited statements submitted by bidders against the requisite three years will be averaged for three years i.e total divided by three.
4. Other Income shall not be considered for arriving at Annual Turnover/Sales. For evaluation purpose, only revenue from operations shall be considered.
5. Bidder must be having experience of supply of bulk order to Govt / Private organisation with at least execution of one order of value worth 10 Lakhs during the last 2 years.
6. Supply shall be from Manufacturer/their authorised agent/dealer. Authorised agents/dealers to provide supporting documentary evidence from manufacturer.
7. Samples of minimum three meters in Smoke grey, Pantone shade no. 16-1305 TCX r (as per the specification) to be submitted with the company's name printed/written in black ink along with Govt approved lab / **NABL accredited lab** report.
8. Quantity Tolerance of 10% . FINAL QUANTITY WILL BE INTIMATED AT THE TIME OF PO RELEASE.

## **General Conditions and Technical specification:**

1. Offer will be considered subject to the decision of the Uniform **Tender** committee of BHEL.
2. During final supply, Mill name, measurement of the cloth and blend are to be printed along with the month and year of manufacture in each piece and to be packed in a single cover.
3. When Uniform is finally supplied, test report obtained from **Govt approved lab / NABL accredited lab** should be accompanied with each batch and the sample material will be subjected to test in authorized lab and will be accepted only on confirmation of the above parameters.



11. Relaxation shrinkage, %, Warp : 1.0 max.  
Weft : 1.0 max.
12. pH of aqueous extract : 6-8.0
13. Water soluble : 1% max.
14. Colour fastness test :
- a. Lighting – Class : 4 or better
- b. Washing – change in colour : 4 or better  
- Staining on undyed piece : 4 or better
- c. Perspiration  
Acidic – change in colour : 4 or better  
- Staining on undyed piece : 4 or better  
Alkaline – change in colour : 4 or better  
- Staining on undyed piece : 4 or better
15. Fibre composition Warp : 67 : 33 ±3%  
Weft : 100% polyester
16. Rubbing (Pilling) : 4 or better
17. Weave : Gaberdine

SI No	Mtl Code	Spec with Rev	Description	Unit of Measurement	Qty
Schedule 2	HY7880861165	BHEL Spec	SC67/33 P.C 150 DN PSCW89/91CM SG L=2.2M, Uniform Cloth for the year 2021-22 for Shirting as per sch -2	Mtrs	13,247
Schedule 3	HY7880861165	BHEL Spec	SC67/33 P.C 150 DN PSCW89/91CM SG L=2.2M, Uniform Cloth for the year 2021-22 for Salwar Kameez as per sch -3	Mtrs	777.50

<b>Schedule 2</b>
CUT LENGTH REQD AS FOLLOWS.
CUT LENGTH OF 2.20 MTRS X 5788 NOS = 12733.6 MTRS.
CUT LENGTH OF 2.30 MTRS X 4 NOS = 9.2 MTRS.
CUT LENGTH OF 2.40 MTRS X 50 NOS= 120 MTRS
CUT LENGTH OF 2.50 MTRS X 132 NOS = 330 MTRS.
CUT LENGTH OF 2.60 MTRS X 10 NOS = 26 MTRS.
CUT LENGTH OF 2.70 MTRS X 6 NOS = 16.2 MTR.
CUT LENGTH OF 3.00 MTRS X 4 NOS = 12 MTRS.
TOTAL QTY IN MTRS = 13247
<b>UNIFORM CLOTH SHIRTING</b>
<b>Schedule 3</b>
CUT LENGTH OF 5 MTRS X 154 NOS = 770 MTRS.
CUT LENGTH OF 7.5 MTRS X 1 NOS = 7.5 MTRS.
TOTAL: 777.5 MTRS

**Cloth Material Specifications for schedule 2 & 3**

## **2. Technical parameters w.r.t IS : 15852/2009 for Shirting cloth & Salwar Kameez**

1.	Colour of cloth	:	Smoke grey, Pantone shade no. 16-1305 TCX
2.	Blend composition (Polyster : cotton)	:	67 : 33 ± 3%
3.	Cut length	:	as specified in Enquiry
4.	Width	:	90 cms ± 1 cm
5.	Count of yarn	Warp, Ne	: 2/80s ± 5%
		Weft	: 2/80s ± 5%
6.	Thread density per inch,	Ends	: 140 ± 5%
		Picks	: 80 ± 5%
7.	Weight, gsm	:	135 ± 5%
8.	Breaking strength, Kgf		
	20 cm x 5 cm Ravel led strip		
	Warp	:	80 min.
	Weft	:	45 min.
9.	Crease recovery angle, deg	:	240 min.
	Warp + Weft		
10.	Shrinkage when heated, %, Warp	:	2.0 max.
	Weft	:	2.0 max.
11.	Relaxation shrinkage, %, Warp	:	1.0 max.
	Weft	:	1.0 max.
12.	pH of aqueous extract	:	6-8.0
13.	Water soluble	:	1% max.
14.	Colour fastness test :		
	a. Lighting – Class	:	4 or better
	b. Washing – change in colour	:	4 or better
	- Staining on undyed piece	:	4 or better
	c. Perspiration		
	Acidic – change in colour	:	4 or better
	- Staining on undyed piece	:	4 or better
	Alkaline – change in colour	:	4 or better
	- Staining on undyed piece	:	4 or better
15.	Fibre composition	Warp	: 67 : 33 ± 3%
		Weft	: 67 : 33 ± 3%
16.	Rubbing (Pilling)	:	4 or better
	Weave	:	Plain