



BAP:RANIPET

BHARAT HEAVY ELECTRICALS LIMITED

(A Government of India Undertaking)

Boiler Auxillaries Plant

Indira Gandhi Industrial Complex, Ranipet - 632406 , INDIA

Phone :04172 - 254654, 284329/

Fax No. : 04172-241179, 241131

Email : dev.d@bhelrpt.co.in

LETTER / FAX ENQUIRY

To: ~~M/S~~
~~Dear Sir(s),~~

ENQUIRY NO. : 1690456E

SUB : REQUIREMENT OF

ENQUIRY DATE : 02/07/2019

REF : 1690456E DT :

DUE DATE : 23/07/2019

Please Submit your lowest quotation on FIRM PRICE basis.

~~UNIFORM-ASB GREN- SUT LUG-1.20 MR. TC~~

FAX TO :

PLEASE FILL COMMERCIAL TERMS FORMAT AND SUBMIT ALONG WITH OFFER WITHOUT
FAIL.THE TENDER SHALL BE SUBMITTED IN TWO PART BID BASIS ONLY.PART 1 CONSIST OF TECHNO
COMMERCIAL BID AND PART 2 CONSIST OF PRICE BID.BOTH PARTS SUBMITTED IN SEPARATE
SEALED COVER SUPERSCRIBING ENQ.NO, DUE DATE ETC. KINDLY GIVE THE GST REGISTRATION
DETAILS AND HSN CODE OF THE ENQUIRY I TEMS ALONG WITH YOUR QUOTE.

REGARDS

MANAGER / PURCHASE



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Item Annexure for Enquiry No : 1690456E

Slno	Material Code	Description	Qty	Unit	Lot No	Lot Qty	Dly Dt
001	IM5900300100		3648.000	MR	001	3648.000	15/09/2019
		IM5900300100 UNIFORM - ASH GREY - SUITING 1.20 MR. TC ASH GREY UNIFORM SUITING MATERIAL - 80:20 POLYESTER/COTTON. TO BE SUPPLIED INCUT LENGTHS OF 1.20MTR EACH STRICTLYAS PER SPECIFICATION ENCLOSED. NO.					
002	IM5900300200		784.000	MR	001	784.000	15/09/2019
		IM5900300200 UNIFORM - ASH GREY - SUITING 1.40 MR TC ASH GREY UNIFORM SUITING MATERIAL - 80:20 POLYESTER/COTTON. TO BE SUPPLIED INCUT LENGTHS OF 1.40MTR EACH STRICTLYAS PER SPECIFICATION ENCLOSED. NO.					
003	IM5900100100		6688.000	MR	001	6688.000	15/09/2019
		IM5900100100 UNIFORM - ASH GREY - SHIRTING 2.20 MRTC ASH GREY UNIFORM SHIRTING MATERIAL -67:33 POLYESTER/COTTON.TO BE SUPPLIED IN CUT LENGTHS OF 2.20MTR EACHSTRICTLY AS PER SPECIFICATION ENCLOSED.					
004	IM5900100200		1200.000	MR	001	1200.000	15/09/2019
		IM5900100200 UNIFORM - ASH GREY - SHIRTING 2.40 MR TC ASH GREY UNIFORM SHIRTING MATERIAL 67:33 POLYESTER/COTTON. TO BE SUPPLIEDIN CUT LENGTHS OF 2.40MTR EACH STRICTLYAS PER SPECIFICATION ENCLOSED. NO.					
005	IM5900500200		500.000	MR	001	500.000	15/09/2019
		IM5900500200 UNIFORM - ASH GREY- CHURIDHAR 5.0 MR TC ASH GREY UNIFORM CHURIDHAR MATERIAL - 67:33 POLYESTER/COTTON. TO BESUPPLIED IN CUT LENGTHS OF 5.0 MTR EACHSTRICTLY AS PER SPECIFICATION ENCLOSED.					

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Slno	Material Code	Description	Qty	Unit	Lot No	Lot Qty	Dly Dt
006	IM5900500300		250.000	NO	001	250.000	15/09/2019
	IM5900500300 UNIFORM - ASH GERY - DUPATTA TC ASH GREY UNIFORM DUPATTA MATERIAL - 67:33 POLYESTER/COTTON. TO BE SUPPLIED IN CUT LENGTHS OF 2.50 MTR EACH STRICTLY AS PER SPECIFICATION ENCLOSED. NO. OF PIECES: 100						

REGARDS

MANAGER / PURCHASE

SPECIFICATION : TC ASH GREY UNIFORM: SHIRTING Fabric

Sl. No.	Parameter for Shirting fabric	BHEL Reqmt	Tolerance
01	Average Width of the Fabric	90cms	+/- 1 cm
02	Percentage of Composition:		
	Polyester	67%	+/- 3%
	Cotton	33%	+/- 3%
03	Count of Yarn:		+/- 5%
	Warp(2F)Ne	40s	
	Weft(2F)Ne	40s	
04	Average Threads per inch:		+5%-2.5%
	Warp (Reed)	140	
	Weft (Pick)	80	
05	GSM(Weight per sq.mtr)	140g	Min.140g
06	Average Water soluble matter (%)	1%	
07	pH Value of Aqueous Extract	6.0 to 8.0	
08	Shrinkage when heated%	Warpway 1%	
		Weftway 1%	
09	Relaxation Shrinkage%	Warpway : 1%max	
		Weftway : 1%max	
10	Average Tensile Strength on 5x20cm strip, min.	Warp:440N Weft:350N	
11	Crease Recovery Angle	240 Degree min.	
12	Colour Fastness to Washing @ 50Degree C:		
	(i)Change in Colour	≥4	
	(ii)Staining on Cotton/Polyester	≥3	
13	Colour Fastness to Light:		
	Change in Colour (Blue Wool rating)	≥4	
14	Colour Fastness to Perspiration:	Alkaline Medium	Acidic Medium
	(i)Change in Colour-	≥4	≥4
	(II)Staining adjacent Cotton/Polyester	≥4	≥4
15	Colour fastness to rubbing:		
	Dry	4 or better	
	Wet	4 or better	
16	Colour fastness to Hot Pressing	4 or better	
17	Pilling (after 18000 revolutions)Avg.Rating	4 or better	
18	Tear Strength	10N	
Note: Dyeing must be done with VAT shades for Cotton and DISPERSE for Polyester			

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SPECIFICATION : UNIFORM CLOTH : SUITING

Sl.No.	Parameter for SUITING	BHEL Requirement	Tolerance
01	Average Width of the Fabric	150cms	+/- 1cm
02	Percentage of Composition:		
	Polyester	80%	+/- 3%
	Cotton	20%	+/- 3%
03	Count of Yarn:		+/- 5%
	Warp(2F)Ne	20s	
	Weft(2F)Ne	20s	
04	Average Threads per inch:		+5%;-2.5%
	Warp (Reed)	125	
	Weft (Pick)	65	
05	GSM(Weight per sq.mtr)	Minimum 240g	
06	Average Water soluble matter (%)	1%	
07	Ph Test (Hot Method) pH Value of water used: pH Value of Aqueous Extract	6.0 to 8.0	
08	Shrinkage when heated%	Warpway : 1%max	
		Weftway : 1%max	
09	Relaxation Shrinkage%	Warpway : 1%max	
		Weftway : 1%max	
10	Average Tensile Strength (kg)	Warp:600 N Weft: 400 N	
11	Crease Recovery Angle (minimum)	240 Degree .	
12	Colour Fastness to Washing @ 50Degree C:		
	(i)Change in Colour	≥4	
	(ii)Staining on Cotton/Polyester	≥3	
13	Colour Fastness to Light:		
	Change in Colour (Blue Wool rating)	≥4	
14	Colour Fastness to Perspiration:	Alkaline Medium	Acidic Medium
	(i)Change in Colour-	≥4	≥4
	(II)Staining adjacent Cotton/Polyester	≥4	≥4
15	Colour fastness to rubbing:		
	Dry	4 or better	
	Wet	4 or better	
16	Colour fastness to Hot Pressing	4 or better	
17	Pilling (after 18000 revolutions)Avg.Rating	4 or better	
18	Tear Strength	25N min	
Note: Dyeing must be done with VAT shades for Cotton and DISPERSE for Polyester			

SPECIFICATION : TC ASH GREY UNIFORM/CHURIDHAR & DUPATTA Fabric

Sl. No.	Parameter for Churidhar/Dupatta fabric	BHEL Reqmt	Tolerance
01	Average Width of the Fabric	90cms	+/- 1 cm
02	Percentage of Composition:		
	Polyester	67%	+/- 3%
	Cotton	33%	+/- 3%
03	Count of Yarn:		+/- 5%
	Warp(2F)Ne	40s	
	Weft(2F)Ne	40s	
04	Average Threads per inch:		+5%-2.5%
	Warp (Reed)	140	
	Weft (Pick)	80	
05	GSM(Weight per sq.mtr)	140g	Min.140g
06	Average Water soluble matter (%)	1%	
07	pH Value of Acqueous Extract	6.0 to 8.0	
08	Shrinkage when heated%	Warpway 1%	
		Weftway 1%	
09	Relaxation Shrinkage%	Warpway : 1%max	
		Weftway : 1%max	
10	Average Tensile Strength on 5x20cm strip, min.	Warp:440N Weft:350N	
11	Crease Recovery Angle	240 Degree min.	
12	Colour Fastness to Washing @ 50Degree C:		
	(i)Change in Colour	≥4	
	(ii)Staining on Cotton/Polyester	≥3	
13	Colour Fastness to Light:		
	Change in Colour (Blue Wool rating)	≥4	
14	Colour Fastness to Perspiration:	Alkaline Medium	Acidic Medium
	(i)Change in Colour-	≥4	≥4
	(II)Staining adjacent Cotton/Polyester	≥4	≥4
15	Colour fastness to rubbing:		
	Dry	4 or better	
	Wet	4 or better	
16	Colour fastness to Hot Pressing	4 or better	
17	Pilling (after 18000 revolutions)Avg.Rating	4 or better	
18	Tear Strength	10N	
Note: Dyeing must be done with VAT shades for Cotton and DISPERSE for Polyester			

**PRE-QUALIFICATION CRITERIA FOR SUPPLY OF TC ASH GREY UNIFORM FABRICS FOR OPEN
TENDER: PUR/UTY/ASH GREY UNIFORM/1; dt 02.07.2019**

(A). VENDOR who meets the following qualification criteria, shall furnish details with supporting documents, wherever necessary.

S.No	Criterion	Description	Information from Vendor
01	Ownership of work Centre/Declare MSME status, if applicable	Original Manufacturer of fabrics/textile mills-in-house facility (self owned) with factory within Indian territory	
02	Capacity of the firm	Annual production capacity should not be less than 2,00,000 mts p.a.(Necessary proof/authentication should be enclosed)	
03	Earlier supplies	Supplies to PSUs, Govt. depts.,major factories, preferable. Proof for timely execution to be furnished.	
04	Valid PAN/TIN No. details	Vendors shall indicate valid PAN/TIN no. details duly supported by copies of Certificates to be enclosed.	
05	ISO Certificates/Awards	Should have obtained ISO certificates and reference copies to be enclosed	
06	Environment Impact Certificates	Copies of Certificates from Pollution Control Board for commitment to environment should be to be enclosed	
07	Free from litigation on any supplies	Vendor should give an undertaking to this effect	
08	Other credentials relevant, if any may be enclosed.		

General terms and Conditions

Indent S.No.	Description	Cut Length (Mtr)	No. of Pcs	Total Length (Mtr) (L)
01	SUITING	1.20	3040	3648.000
02	SUITING (XL)	1.40	560	784.000
03	SHIRTING	2.20	3040	6688.000
04	SHIRTING (XL)	2.40	500	1200.00
05	Churidhar matl	5.0	100	500.000
06	Dupatta material	2.5	100	250.000
		Total	7340	13070.000 mtrs

Terms and Conditions:

1. **Specification:** The supply of Suiting, Shirting and Churidhar/Dupatta fabric should strictly conform to all parameters indicated in the specifications enclosed alongwith this indent.
2. **Sample at 1st Stage:** Successful 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/Textile Committee at Coimbatore. Such testing expenses charged by Regional Lab will have to be borne by the vendor. Vendor shall start bulk manufacture only after getting BHEL' clearance/approval in writing.
3. **Colour Shade:** Ash Grey shade/tint shall be maintained uniformly throughout the entire supply. The colour/shade of the shirting should match with the shade of SUITING material.
4. **Printing Year of Mfr:** Year of manufacturing shall be printed in all cut-length fabrics.
5. **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.
6. **Sample at 2nd Stage:** Random samples of suiting and shirting will be picked up by BHEL Team and will be subjected to testing at Regional Lab/Textile Committee at Coimbatore to evaluate conformance of all parameters to our specification. Test results will be communicated to vendor. The samples approved at 1st 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.

7. **Packing:** (a) One Piece of shirting and One piece of suiting (One Set) of respective size (Standard or XL) 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.

(b) **Churidhar:** One piece of 5-mtr length fabric shall be neatly packed in a single durable cover as one packet.

(c) **Dupatta:** One piece of 2.5 mtr length fabric shall be neatly packed in a single durable cover as one packet.

(d) In order to facilitate **distribution to individual** employees, a carry bag of suitable size to cover materials cited in 7(b) and 7(c) shall be provided separately. Carry Bag Qty: 100 Nos.

8. **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.
9. **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.