INVITATION TO TENDER

OFFICE OF THE COMMANDANT- 99 BN, RAPID ACTION FORCE,
Central Reserve Police Force
Post-NISA Hakimpet, District- Ranga Reddy, Secunderabad (Telangana)-500078
Tele: 040- 27981746, Fax: 040-27981746
Web Site : www.crpf.nic.in /http:// eprocure.gov.in/eprocure/app(cppp)
e-mail id : tiger99raf@gmail.com and hq99raf@crpf.gov.in.

Tender Enquiry No. L.VIII-1/2016-17-99-Q Dated, the 24th September 2016

The Commandant 99 Bn, RAF, Hakimpet, Secunderabad (TS) invites sealed tenders, for and on behalf of the President of India, under two bid system consisting of technical bid and financial bid in respect of the stores mentioned in the schedule to this tender enquiry, from the manufacturers and or their authorized dealers of outstanding repute and actually dealing in the trade.

2. If you are in a position to quote for supply in accordance with the requirements stated in the attached schedule to tender, all documents attached herewith should be fully filled in, signed and returned to this office.

3. Prospective tenderers are advised to go through the earnest money, payment terms, tender sample, counter sample and Lab test certificate clause and all other clauses of this tender enquiry carefully before filing the tender. Attached list of questionnaire should also be answered and returned with the tender, failing which your tender will be liable to be ignored, and not considered.

SCHEDULE TO TENDER

OFFICE OF THE COMMANDANT-99 BN RAPID ACTION FORCE.
CENTRAL RESERVE POLICE FORCE
Post-NISA Hakimpet, District- Ranga Reddy, Secunderabad (Telangana)-500078
Tele: 040- 27981746, Fax: 040-27981746
e-mail id : tiger99raf@gmail.com and hq99raf@crpf.gov.in.

Schedule to Tender No L-VIII-1/2016-17-99-Q	Dated, the 24th th September 2016
Time and date of receipt of tender	**By 1000 Hours on 08 /11 /2016**
Time and date for opening of tender	**At 1100 Hours on 09/11/2016**
Validity of offer	The tender shall remain open for acceptance till 180 days from the date of opening of tender
Purchaser	The President of India
Inspection authority	The Commandant-99 Bn, RAF/CRPF, Hakimpet, Secunderabad (TS)
Inspecting Officer	The Commandant 99 Bn, RAF/CRPF or any Board of officers detailed by the Commandant-99 Bn, RAF/CRPF Hakimpet, Secunderabad (TS)

S.No	Description of store	Quantity	Tender Cost	EMD
01	Organic socks Khaki (Specification :- As per appendix-"A")	4196 Prs	Rs. 100/-(Rupees one hundred) Only	Rs. 20,000/- (Rupees Twenty thousand) only (*EMD should be valid for 180 days from the date of opening of tender).*

Specifications : As per Appendix – 'A'
Sample clause : As per Specification
Packing and Marking : As per Specification

All tender documents attached with this limited tender including the specifications are SACROSANCT for considering any offer as complete offer. It is therefore important that Tender Acceptance Letter which is a written undertaking that all the terms and condition of the tender are understood and accepted should be signed and submitted through e-Procurement site https://eprocure.gov.in/eprocure/app. and in original. Envelope containing the tender quotations shall be super scribed as Socks organic colour : Khaki

Tender enquiry documents along with tender samples have to be submitted in the office of the undersigned i.e. Office of the Commandant-99 Bn, RAF, **Post-NISA Hakimpet, District-RangaReddy, Secunderabad (Telangana)-500078** on or before the scheduled date and time prescribed in the tender enquiry. **Tender enquiries along with samples received after due time and date will not be opened and returned to the bidder**. **Tender samples sent on "FREIGHT TO PAY" basis will not be accepted**. ***Tender samples of tenderers whose offers are not accepted may be collected by their authorized representatives on requisition on letter head of the firm duly stamped, signed and attested by the tenderers on hearing from this office. In case samples are not collected within the given time, the samples will be disposed off***.

Sd/-24/09/16
(V.J. SUNDARAM)
COMMANDANT-99 BN, RAF
FOR AND ON BEHALF OF PRESIDENT OF INDIA

II) **TERMS AND CONDITIONS OF TENDER ENQUIRY**

1. Terms of price	1.1 Rates quoted by the firms should be on firm price basis. Rates should be quoted in Indian rupees both in figures as well as in words for complete units as per specifications. Any and every alteration in the rates should be signed in ink otherwise the offers will not be considered. ***Price should be quoted as per BOQ format provided along with tender document at e-procurement site http://eprocure.gov.in/eprocure/app***
	1.2 Firms should clearly indicate different taxes and duties, installation charges which they propose to charge as extra along with the present rates thereof. Offers with such stipulations like 'as applicable' will be treated as vague andare liable to be ignored.
	1.3 Rates quoted shall remain open for 180 days after the opening of the tender.
2. Payment terms	2.1 Stores are required to be supplied on credit basis only and payment will be made after drawl of amount from Regional Pay and Accounts Office (RPAO) of CRPF Hyderabad (TS)
	2.2 Payment in advance or immediately on delivery cannot be made.
3. Delivery instructions	3.1 Free delivery at consignee's location 99 Bn, RAF, Post : Nisa Hakimpe, Rangareddy Distt, Secunderabad (TS)- 078 Tenderers are required to quote rates on free delivery at consignee's locations basis at freight, risk and cost of the supplier basis only.
	3.2 However final discretion regarding delivery instructions lies with purchaser.
4. Delivery required by	4.1 Delivery of stores is required within 40 days of placement of firm ordersfor entire quantity.
	4.2 If the AT placed on any of the participating firms for the part quantity, the delivery period will be fixed keeping in view the quantum of order and the supply capacity quoted by the concerned firm in their tender documents.
5.Liquidation charges clause	5.1 If the firm fails to deliver the stores within the period fixed for such delivery or at any time repudiates the contract before the expiry of such period, the purchaser may recover from the supplier as agreed liquidated damages including administrative expenses and not by way of penalty, a sum equivalent to 2% of the price of stores which the supplier has failed to deliver within the period fixed for delivery in the schedule for each month or part of a month during which the delivery of such stores may be in areas where delivery thereof is accepted after expiry of the aforesaid period, provided that the total damages so claimed shall not exceed 10% of the total contract price.
	5.2 After the maximum limit of 10% of the value of the stores is reached, the purchaser reserves the right to either extend further or cancel the contract.
6. Details of manufacturers	6.1 Only those firms should respond who are the manufacturers or authorized dealers of the stores specified in tender specifications.
	6.2 Offer from firms whose business activities are limited to procuring items from the manufacturers and supplying the same to purchaser having after sales service back up will also be entertained provided they furnish a certificate from the manufacturer certifying the authenticity, along with their tender, failing which their tender will be summarily rejected
	6.3 Tenderers should disclose the name and full address along with telephone/ fax No. of the place where the stores will be manufactured and offered for inspection, if any.
	6.4 In case the firm is registered with NSIC for the subject stores, they should clarify whether they are registered as a manufacturing unit or in any other capacity. In case the registration is as a manufacturer, they should indicate the full address and phone numbers of their manufacturing facility.
7. Tender sample requirement	**Organic Socks Khaki**
	7.2 **One No. Organic Socks Khaki** should be submitted with quotation thoroughly tested by any of the laboratories approved by NABL and sample should be affixed or pasted with lab test report duly sealed, stamped and signed by the concerned laboratory.
	7.3 The sample should be from the same lot test certificate of which is submitted along with the tender and the counter sample (remnant portion of test sample) duly sealed and signed by laboratory should be attached with the sample.

	7.4 The price bid of eligible firms will be opened and order would be considered on the lowest bidders subject to their reasonability of rates, capacity and performance etc.
	7.5. Quotation received without tender samples or in case of tender samples received after the due date and time shall be ignored summarily.
	7.6. The price bid of eligible firms will be opened and order would be considered on the **Good quality** Sample and lowest bidders subject to their capacity and performance etc.
	7.7. All tender samples should have a card affixed to them duly signed andstamped by the firm indicating the following:- i) Name and address of the firm. ii) Tender No. iii) Closing date & date of opening of tender iv) Name of item, item no & size. v) Any other information, if required.
8. Lab test report	8.1 The tenderer after getting the tender samples tested from any of the laboratories approved by National Accreditation Board for Testing and Calibration Laboratories (NABL) must submit the lab test certificate in original along with their technical bid.
	8.2 The lab test certificate should indicate that :- "It is Certified that the tender sample offered for lab test is meeting / not meeting all the requirements of the governing specifications for the quoted item and the sample is acceptable / not acceptable with reference to its governing specifications i.e.Organic Socks Khaki**".*Note:- Delete whichever is not applicable."*** ***Signature and Seal of the Lab***
9. Earnest money Deposit	9.1 All firms who are not specifically registered with any central purchase organizations, NSIC or DGS&D for the stores for which the tenders are invited, are required to deposit **earnest money Rs. 20,000.00 (Rupees Twenty thousand) only** along with the tender, sealed in a separate cover superscripted as earnest money without mentioning the amount, failing which their offers will be summarily rejected.
	9.2 For claiming exemption from depositing earnest money, the tenderers should be registered with NSIC or DGS&D specifically for the stores with specifications as mentioned in tender schedule.
	9.3 Tenderers should ensure that their registration with DGS&D and NSIC is valid if they are registered with DGS&D/NSIC and not depositing earnest money. They should enclose the latest DGS&D/NSIC registration certificate.
	9.4 Similarly firms who are specifically registered for the stores as per specified specifications with DGS&D/ NSIC, but with a certain monetary limit, will be treated as unregistered for their value exceeding their monetary limit of registration. Such firms shall be required to deposit proportionate earnest money over and above the monetary limit. In case such firms fail to deposit earnest money, their offer for the tender value exceeding their monetary limit is liable to be ignored.
	9.5 The earnest money can be deposited through any of the following alternative forms : An account payee demand draft, fixed deposit receipt or bank guarantee from any of the Nationalized, Scheduled or Commercial bank in any acceptable form drawn in favour of **The Commandant-99 Bn, RAF, payable at SBI, Patny, Near Secunderabad HPO Secunderabad, Hyderabad (TS)-500 003 (Code: 00916)**
	9.6 **The earnest money shall remain valid and be deposited with the purchaser for a period of 180 days from the date of tender opening**. If the validity of the tender is extended, the validity of the BG/or any other alternate document submitted in lieu of earnest money will also be suitably extended by the tenderer, failing which their tender after the expiry of the aforesaid period shall not be considered by the purchaser.
	9.7. No interest shall be payable by the purchaser on the earnest money deposited by the tenderer.
	9.8 The earnest money deposited is liable to be forfeited if the tenderer withdraws or amends

	impairs or derogates from the tender in any respect within the period of validity of his tender.
	9.9 The earnest money of the successful tenderer shall be returned after the security deposit as required in terms of the contract is furnished by the tenderer.
	9.10 If the successful tenderer fails to furnish the security deposit as required in the contract within the stipulated period, the earnest money shall be treated as performance security deposit for all practical purposes.
	9.11. Earnest money deposits of all the unsuccessful tenderers shall be returned by the purchaser as early as possible after the expiry of bid's validity, but not later than 30 days after placement of contract. Tenderers are advised to send a pre receipt challan along with their bids so that refund of earnest money can be made in time.
	9.12. ***Any tender, where the tenderer is required to deposit earnest money in terms of conditions mentioned in preceding paras, not accompanied with earnest money in any one of the approved forms acceptable to the purchaser, shall be summarily rejected***.
10. Performance security deposit clause	10.1. The successful firm shall have to deposit a performance security deposit equivalent to 10% of the estimated value of the contract stores within 20 days of the placement of supply order for due performance. Failure on the part of the firm to deposit the security deposit within the stipulated time, empowers the purchaser to cancel the supply order.
	10.2. The performance security deposit submitted by the supplier will remain valid at least for 60 days beyond the date of completion of all contractual obligations of the supplier including guarantee/ warrantee obligations.
	10.3. The performance security deposited can be deposited in any of the following alternative forms. An account payee fixed deposit receipt or bank guarantee from any of the Nationalized, Scheduled or Commercial bank in any acceptable form drawn in favour of **The Commandant-99 Bn, RAF, payable at SBI, Patny, Near Secunderabad HPO Secunderabad, Hyderabad (TS)-500 003 (Code: 00916) .**
	10.4. If the supplier fails to deliver the stores within the stipulated period and places and requests for extension of time, he shall submit an undertaking on Non Judicial stamp paper of Rs.10/- duly attested by the Notary public stating that the performance security deposit has already been extended for sixty days beyond the guarantee/warrantee period.
	10.5 The performance security deposit shall be with held or forfeited in full or part in case the supply order is not executed satisfactorily within the stipulated period or requisite standard of the store within the guarantee period is not undertaken to the best satisfaction of the user.
	10.6 Cash/Cheque security deposits will not be accepted. The security deposits will be returned subject to supply being made in full within the stipulated period of delivery and the stores being in conformity with the approved tender samples kept in the custody of this office. **The decision of the Commandant-99 Bn, RAF, Secunderabad (TS) shall be final and binding in all matters pertaining to refund of the security/earnest money**.
11. Two bid system	11.1 Since the stores to be procured are of a complex and technical nature, bids are required to be submitted in two parts as under :- **a) Technical bid** consisting of all the technical details as mentioned in the tender enquiry. The cover superscripted as technical bid should contain the following documents :– i) All pages of tender documents duly completed and signed without indicating the rates quoted. ii) Performance statement of last 03 years. iii) Lab test certificate in original as per conditions mentioned ibid. iv) Pre-receipt challan for refund of earnest money. v) Any other relevant documents which the firms wish to submit. **b) Financial/ price bid** :- The composite bid i.e. indicated in the technical bid" OPENLY" SHALL BE IGNORED. Price should be quoted for different sizes as per enclosed BOQ format provided along with tender document at E–Procurement site http://eprocure.gov.in/eprocure/cppp 12 Terms for Tender Cost 12.1Tenders are available at WEB Site www.crpf.nic.in. against payment basis. All tenders to submit tender fee for Rs. 100 /- (Non refundable) through demand draft only drawn in favour of The Commandant-99 Bn, RAF, Secunderabad, Payable at SBI, …….. BRANCH , (code-06190) In case tenderers are submitting downloaded tender documents they must enclosed demand draft for Rs.100/- along with Technical bids, and should

	not be clubbed with Earnest money, failing which tender shall be summarily rejected. 12.2Tender Documents are available at CPP e-procurement site http:// eqprocure.gov.in/ eprocure /app as well as on Our website (www.crpf.gov.in) which can be downloaded by interested firm, free of cost. However bidders are required to submit Tender Fee /EMD as applicable as per tender documents while submitting the bids. (i) Rates must be clearly mentioned in figures as well as in words and in INR. (ii) There should not be any cutting / over writing. (iii) Copies of any one or two of the following documents like PAN, TAN, last 3 years tax returns, service registration (only in case of companies not registered with NSIC/ DGS&D)
12. Method of submission of tender enquiry	12.1 The two separate covers containing the technical bid and financial bid should be sealed separately in separate covers duly super scribed with tender enquiry number, stores and date of tender opening. These two sealed covers along with the EMD and other documents should be put in a bigger cover and sealed again. This bigger cover should also be super scribed with tender enquiry number, stores and date of tender opening. If the technical and financial bids are not separately sealed, the offer shall be summarily rejected. Scan copy of all documents provided along with tender document at E–Procurement site http://eprocure.gov.in/eprocure/cppp.
	12.2 The technical bids are to be opened at the first instance and evaluated by the competent authority. In the second stage, financial bids of only the technically acceptable offers will be opened for further evaluation and ranking before awarding the contract.
	12.3 The tender enquiries duly filled in all aspects and having completed all applicable formalities may be sent by registered post / Courier/ By hand duly stamped to the **The Commandant-99 Bn, RAF, NISA Hakimpet, Secunderabad (TS) Pin 500 078, Tele/Fax No. 040-27981746** so as to reach on or before the scheduled time and date as mentioned in the schedule to the tender enquiry. Department is not responsible for any postal delay.

Sd/-24/09/16
(V.J. SUNDARAM)
COMMANDANT 99 BN, RAF/CRPF
FOR AND ON BEHALF OF PRESIDENT OF INDIA

Form 68-A

Tender No. _____

Full name and address of the Tenderer in addition Contractor's telegraphic Address to post box No. if any should be quoted in all

_____

Communication to this Office

_____ Telephone No. _____

Fax No. _____

From. _____

_____

Dear Sir,

1. I/We hereby offer to supply the stores detailed in the schedule here to or such portion thereof as you may specify in the acceptance of tender at the price given in the said schedule and agree to hold this offer **open till**_____ I/we shall be bound by a communication of acceptance within the prescribed time.

2. I/We have understood the instructions to Tenderers in the booklet DGS&D-229 and conditions of contract in the Form No-68 (Revised) including in the pamphlet entitling conditions of contract governing contracts placed by the Central Purchases Organization of the Government of India read with the amendments annexed herewith and have thoroughly examined the specification drawing and/or pattern quoted in the schedule hereto and am/are fully aware of the nature of the stores required and my/our offer is to supply stores strictly in accordance with the requirements.

Signature of the Tenderer.

The following pages have been added to and form part of this tender

_____

Here paste coupon in case where coupons are supplied to contractors on payment

Yours faithfully,

Address _____

Dated _____

(Signature of the Witness)

Address _____

Dated _____

(Signature of the Tenderer)

IMPORTANT INSTRUCTIONS

1. **OPTION CLAUSE:**
The purchaser reserves the right to place order of the successful tenderer for additional qty. upto 25% of the quantity offered by them at the rates quoted at the time of placement contract or during the currency of the contract as per clause. 31 of form DGS&D.

2. **ADVANCE SAMPLE**. : Required

(i) **TENDER SAMPLE: required repeat Required**
(If required, clause 11 of Form DGS&D-230 be incorporated)
ii) Tender samples are required as per the instructions incorporated below.
Analysis report on Tender Samples will not be furnished (Clause 11 of form DGS&D-230). (QUOTATIONS WITH OUT SAMPLES WHERE SAMPLES ARE SPECIFICALLY CALLED FOR "SHALL, BE SUMMARILY REJECTED"). Tenderers should note that samples of what they offer to supply should not be less than the quantity necessary for test as per specifications, if any, or in the schedule to Tender. In case the quantity of sample required for the test is given either in the specifications or in the schedule of Tender, this should be adhered to. Each sample should have card affixed to it giving particulars of:-
a) Firms Name and full address.
b) Tender Number.
c) Date and time of opening of Tender.
d) Item Number of schedule against which Tender Sample submitted and
e) Any other description, if necessary, written clearly on it.
ii) The sample should be sent to the Commandant-99 Bn, RAF/CRPF, Post : NISA Hakimpet, Rangareddy District, Secundrabad (TS) – 500 078 *as* mentioned at clause 07 of schedule to tender. The cost and freight of sending the samples shall be borne by the Tenderer and there will be no obligation on the part of the receiving officer for their safe custody. Tenderers who do not submit the samples and the testing fee, if required, their offer shall be rejected.

3. If the samples are sent by Railway Parcel, the Railway receipt should not be enclosed with the tender documents but should be posted separately to the officer to whom samples are sent (Under a covering letter giving the necessary particulars to enable him to connect the Railway Receipt easily with the Parcel). Samples submitted by the Tenderers whose offers are not accepted (Provided they have not been destroyed during testing) will be delivered to their representative, if they call for the same or can be returned direct to them at their cost, provided the application for return is made to the officer to whom the samples were sent, within one month after the contract is placed on the successful tenderer or after notification of cancellation of demand. If no application is received within the due date, the samples will be disposed off by public auction and sale proceeds credited to the Government. The contract to be concluded will be governed by condition of contract contained in form No. DGS&D-68 (Revised) as amended up to 31-12-91 and those contained in pamphlet No. DGS&D-229 with enclosed amendment (Annexure).

Signature of the tenderer

4. GUARANTEE /WARRANTY

Except as otherwise provided in the invitation to the tender, the contractor hereby declares that the goods, stores, articles sold/supplied to the purchaser under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specification and particulars contained / mentioned in the contract. The contractor hereby guarantees that the said goods/stores/articles would continue to conform to the description and quality aforesaid for a period of twelve months, from the date of delivery of the said goods/stores/articles to the purchaser or 15 months from the date of shipment/dispatch from the contractor's works whichever is earlier and notwithstanding the fact that the purchaser (Inspector) may have inspected and/or approved the said goods/stores/articles. If during the aforesaid period of 12/15 months, the said stores/goods/articles be discovered not to conform to the description and quality aforesaid or not giving satisfactory performance or have deteriorated, the decision of the purchaser in that behalf shall be final and binding on the contractor and purchaser shall be entitled to call upon the contractor to rectify the goods stores/articles or such portion thereof as is found to be defective by the purchaser within a reasonable period or such specified period as may be allowed by the purchaser in his discretion on/an application made thereof by the contractor and in such an event, the above mentioned warranty period shall apply to the goods/articles/stores/rectified from the date of rectification thereof. In case of failure of the contractor to rectify or replace the goods etc. within specified time, the purchaser shall be entitled to recover the cost with all expenses from the contractor for such defective stores.

5. In the event of contract being cancelled for any breach committed and the purchaser affecting repurchase of the stores at the risk and the cost of the contractor, the purchaser is not bound to accept the lower offer of Benami or allied or sister concern of the contractor.

6. Purchaser will not pay separately for transit insurance and the supplier will be responsible till the entire stores contracted for, arrive in good condition at the destination. The consignee, as soon as possible but not later than 30 days of the date of arrival of the stores at destination, notify to the contractor any loss or damages to the stores that may have occurred during the transit.

7. Those firms, who are not specifically registered for the items as per schedule to tender, should submit the following along with their quotation, failing which their offer will be ignored:

(a) Name and full address of the banker.

(b) Performance Statement and equipment and quality control statement in the prescribed form as enclosed (in triplicate)

8. Prices be quoted both in words as well as in figures.

9. Tenderers who are past suppliers of the item as per T/E Specification should submit their performance statement in enclosed proforma. In case, it is found that information furnished is incomplete or incorrect, their tender will be liable to be ignored.

10. Tenderers who are registered with DGS&D/NSIC for this particular item should submit thephotocopy of registration certificate with all subsequent amendments .

11. **EXCISE DUTY**

If it is intended to ask for excise duty or any other charges extra, the same must be specifically stated. In absence of such stipulation, it will be presumed that prices are inclusive of all such charges and no claim for the same will be entertained.

Signature of the Tenderer_____

Name in Block Letters_____

Capacity in which Tender signed_____

Full Address._____

ANNEXURE – I

1. The following amendments may be carried out in the pamphlet entitled conditions on contract governing the contracts placed by Central Purchase Organisation of Government of India 1991 edition bearing Symbol DGS&D-39 Form No. DGS&D Form No. DGS&D-68 (Revised).

1.1 The definition of "Government" provided in clause 1 (f) page 2 of DGS&D Conditions of Contract may be amended as under**:-**

["Government" means the Central Government.

1.2 The definition of Secretary in clause I(k) page 3 of DGS&D Conditions of Contract may be modified as under:

"Secretary" means Secretary of Min. of Home Affairs for the time being in administrative charge of the subject matter of contract and includes Additional Secretary, Special Secretary, Joint Secretary, or Director or Dy. Secy. In such Ministry, D.G., Addl. DG, IGP (Prov.) . DIG (Prov.) Dy. Comdt. (Proc) of CRPF and every other officer authorized for the time being to execute contracts relating to purchase and supply of stores on behalf of the President of India.

1.3 Under Clause 2(c) page 5 of DGS&D conditions of contract, the word "Director General of Supplies and Disposals or heads of his concerned regional offices" may be replaced by IGP (Prov.) CRPF. 1.4 Clause 24 i.e. Arbitration:-

For: The existing entries.

Read: Arbitration.

In the event of any question, dispute or difference arising under these conditions or any special conditions of contract, or in connection with this contract (Except as to any matters, the decision of which is specifically provided for by these or the special conditions), the same shall be referred to the sole arbitration of an officer in the Min. of law, appointed to be arbitrator by Director General CRPF. It will be no objection that the arbitrator is a Government servant that he had to deal with the matters to which the contract relates or that in the course of his duties as a government servant he has expressed views on all or any of the matters in dispute or difference. The award of the arbitrator shall be final and binding on the parties to this contract, it is term of this contract that:-

a. If the arbitrator be a person appointed by the DG CRPF:-

In the event of his dying, neglecting or refusing to act, or resigning or being unable to act, for any reason or his award being set aside by the court for any reason, it shall be lawful for Secretary, Min. of Home Affairs either to proceed with the reference himself or to appoint another person as Arbitrator in place of the outgoing Arbitrator in every such case, it shall be lawful for the DG CRPF in place of the outgoing Arbitrator, as the case may be to act on record of the proceeding as then taken in arbitration, or to commence the proceedings as he may at his discretion decide.

b. It is further a term of this contract that no person other than the person appointed by him should act as Arbitrator and that if for any reason that is not possible, the matter is not to be referred to arbitration at all.

c. The arbitrator may with the consent of all the parties to the contract enlarge the time from time to time for making and publishing the award.

d.Upon every and any such reference, the assessment of the cost incidental to the reference and award respectively shall be in the discretion of the Arbitrator.

e. Subject as aforesaid, the Arbitration Act , 1940 and the rules there under and any statutory modification thereof for the time being in force shall be deemed to apply the arbitration proceedings under this clause.

f. The venue of arbitration shall be the place where the contract is concluded or such other place as the DG CRPF at his discretion may determine.

g. In this clause the expression the DG CRPF means the DG CRPF of the Ministry of Home Affairs for the time being and includes, if there be no DG, the Officer who is for the time being the administrative head of the CRPF, whether in addition to other functions or otherwise.

1.5 Similarly, the reference to DGS&D wherever appearing may be suitably modified.

2. Following amendments may be carried out in the Pamphlet No. DGS&D-229 containing various instructions to tenderers. FORM NO. DGS&D-230 Reference to DGS&D wherever appearing in clause No. 14, 33, 34, 35, 39 and 40 and Appendix A for Form No. DGS&D-96 may be amended to read as IGP (Prov.) CRPF.

Signature of the Tenderer.

QUESTIONNAIRE

(Please Mark in appropriate Box and fill the answer correctly. Tenders leaving the box unmarked and questionnaire unanswered shall be rejected)

1. Name and address of Contractor

_____ _____

2. a) Whether registered with DGS&D for subject store. YES NO

b) If yes, Monetary limit (Enclose Photocopy Rs (Lakh (Without Limit)

c) Validity Date

3. a) Whether registered with NSIC for subject stores YES NO

b) If yes, Monetary limit Rs.
(Enclose Photocopy
of Regn. Certificate)

c) Validity Date

4. Whether you agree to submit advance sample if called upon to do so within specified period of 15 days. YES NO

5. Whether past supplier of subject store to DGS&D or Min. of Home Affairs during the last 3 years.
(If yes, submit performance report in enclosed proforma) YES NO

6. Terms of delivery**: Free delivery at consignee's locations**

7. **a) Whether Excise Duty Extra:**

To be mentioned in Price Bid.

b) If extra, rate of excise duty:

Assemble Value Rs.

8. a) Whether Sales Tax Extra:

b) If yes, rate of Central Sales Tax applicable at present to be mentioned in Price Bid.

c) Rate of local sales Tax applicable at present

9. Discount offered if any

10. a) Delivery period in months from date of approval of

Advance Sample. _____ Month
b) Monthly rate of supply _____

c) Production capacity per month _____ Nos.

d) Quantity offered_____ Nos.

11. a) Whether store fully conforms to tender schedule specifications in all respects. YES NO
b) If answer to 11(a) is No. Indicate the details of deviation in separate sheet.

12. Acceptance to conditions of contract as contained in DGS&D-68 (Revised) amended upto 31.12.91 and those contained in Pamphlet No. DGS&D-229 read with Annexure attached

	YES	NO
13. Have you enclosed required EM	YES	NO
14. Do you accept tolerance clause.	YES	NO
15. Do you agree to liquidated damage clause	YES	NO
16. Do you accept Guarantee/warrantee clause	YES	NO

Signature of the Tenderer_____
Name in Block Letters_____
Capacity in which Tender signed_____
Full Address._____

Signature of the Tenderer.

LIST NO-1

TENDERERS SHOULD FURNISH SPECIFIC ANSWERS TO ALL THE QUESTIONS GIVEN BELOW. TENDERERS MAY PLEASE NOTE THAT IF THE ANSWER SO FURNISHED ARE NOT CLEAR AND / OR ARE EVASIVE, THE TENDER WILL BE LIABLE TO BE IGNORED.

1. Tender No._____

2. Whether the stores offered fully conform to the technical particulars and specification drawings, specified by the purchaser in the schedule to tender. If not, mention here details of deviations **:**

3. Brand of store offered. **:**

4. Name and address of manufacturer. **:**

5. Station of manufacture **:**

6. Please confirm that you have offered packing as per tender enquiry requirements. If not indicate deviations. **:**

7. Gross weight of consignment **:**
(Net weight of each item)

8. What is your permanent Income Tax A/C No. ? **:**

9. Status.

a) Indicate whether you are LSU or SSI **:**

b) Are you registered with DGS&D for the item quoted ? If so, indicate whether there is any monetary limit on registration **:**

c) If you are a small scale unit registered with NSIC under Single Point Registration scheme, whether there is any monetary limit. **:**

d) In case you are registered with NSIC under Single Point Registration Scheme for the item quoted, confirm whether you have attached a photocopy of the registration certificate indicating the items for which you are registered. **:**

10. a) If you are not registered either with NSIC or with DGS&D, please state whether you are registered with Directorate of Industries of State Government concerned. **:**

b) If so, confirm whether you have attached a copy of the certificate issued by Director of Industry. **:**

11. Please indicate name & full address of your banker :- (i) Bank branch, address with Accounts No. (Core Bank account No.) **:**

(ii) IFSC Code, MICR code :

(iii) Whether bank branch is NEFT/RTGS enabled or not **:**

12. Business name and constitution of the firm.
Is the firm registered under :- **:**
i) The Indian Companies Act 1956, ii) The Indian Partnership Act 1932
(Please also give name of partners) iii) Any Act; if not, who are the owners.
(Please give full names and address.)
13. Whether the tendering firm is/are:-
1. Manufacturer **:**
2. Manufacturer's authorized agents **:**
3. Holders in stock of the stores tendered for. **:**

N.B.: If manufacturer's agents, please enclose with tender the copy of manufacturer's authorization on properly stamped paper, duly attested by a Notary Public.

14. If stores offered are manufactured in India, please state whether all raw materials components etc. used in their manufacture are also produced in India. If not give details of materials components etc, that are imported and their breakup of the indigenous and imported components together with their value and proportion it bears to the total value of the store

15. State whether raw materials are held in stock sufficient for the manufacture of the stores
. **:**
16. Please indicate the stock in hand at present time:-
1. Held by you against this enquiry :
2. Held by M/s. _____ over which you have secured an option.
17. Do you agree to sole arbitration by an officer of Ministry of Law, appointed by the Secretary, Ministry of Home Affairs or by some other person appointed by him as provided in clause 24 of the general conditions of contract form DGS&D-68 (Revised). (Your acceptance or non-acceptance of this clause will not influence the decision of the tender. It should, however, be noted that an omission to answer the above question will be deemed as an acceptance of the clause.) **:**

Signature of the Tenderer

18. For partnership firms state whether they are registered Or not registered under Indian Partnership Act, 1932. Should the answer to this question by a partnership Firm be in the affirmative, please state further :

1. Whether by the partnership agreement, authority To refer disputes concerning the business of the partnership To arbitration has been conferred on the partner who has Signed the tender. :

2. If the answer to (1) is in the negative, whether there is any general power of attorney executed by all the Partners of the firm authorizing the partner who has signed the tender to refer disputes concerning business of the partnership to arbitration. :

3. If the answer to either (1) or (2) is in the affirmative furnish a copy of either the partnership agreement or the general power of attorney as the case may be. :

N.B:

1. Please attach to the tender a copy of either document on which reliance is placed for authority of partners of the partner signing the tender to refer disputes to arbitration. The copy should be attested by a Notary Public or its execution should be admitted by Affidavit on a properly stamped paper by all the partners.

2. Whether authority to refer disputes to arbitration has not been given to the partner signing the tender the tenders must be signed by every partner of the firm.

19. Here state specifically.

1. Whether the price tendered by you is to the best of your knowledge and belief, not more than the price usually charged by you for stores of same nature/class or description to any private purchaser either foreign or as well as Govt. purchaser. It not state the reasons thereof. If any, also indicate the margin of difference. :

2. In respect of indigenous items for which there is a controlled price fixed by law, the price quoted shall not be higher than the controlled price and if the price quoted exceeds the controlled price the reasons thereof should be stated. :

20. Are you:-

1. Holding valid Industrial License(s) Registration Certificate under the Industrial Development and Regulation Act, 1981. If so, please give particulars of Industrial income Registration Certificate.

Signature of the Tenderer

2. Exempted from the licensing provisions of the Act, for the manufacture of item quoted against this tender. If so, please quote relevant orders and explain your position. **:**

3. Whether you possess the requisite license for manufacture of the stores and/or for the procurement of raw materials belonging to any controlled category required for the manufacture of the store? In the absence of any reply it would be assumed that no license is required for the purpose of raw materials and/or that you possess the required license **:**

21. State Whether business dealings with you have been banned by Min/Deptt. Of Supply/Min. of Home Affairs.? **:**

22. Please confirm that you have read all the instructions carefully and have complied with accordingly. :

Signature of Witness. _____ Signature of Tenderer _____

Full name and address of witness
(In Block Letters)

Full name and address of the
Persons signing (in Block Letters)

Whether signing as
Proprietor/Partner/ constituted
Attorney /duly authorized by the
Company.

MANUFACTURER WILL PROVIDE LIST OF MACHINERY INSTALLED IN THEIR FACTORY FOR MANUFACTURING THIS ITEM

Sl.No	Name of Machinery

Signature of the tenderer

(IV) **STANDARD FORMS TO BE USED**

The following forms mentioned in the Appendices – A, B, C, D,E are required to be submitted along with the bid.

a)Appendix 'A' – Specification of **Organic Socks Khaki**

b)Appendix 'B' - Proforma of bank guarantee for submitting earnest money.

c) Appendix 'C' Proforma of bank guarantee for furnishing performance security deposit.

d) Appendix 'D' Performance statement for last three years.

e) Appendix "E" Check list for tenderer

Sd/-24/09/16
(V.J. SUNDARAM)
COMMANDANT-99 BN, RAF/CRPF
FOR AND ON BEHALF OF PRESIDENT OF INDIA

QR/SPECIFICATION FOR ORGANIC SOCKS ENCLOSED AS APPENDIX– "A"

Appendix-B

PROFORMA OF BANK GUARANTEE FOR SUBMITTING EARNEST MONEY

(On Banks letter head with adhesive stamp)

To
The Commandant ,
99 Bn, RAF/CRPF
Post-NISA Hakimpet,
District- Ranga Reddy,
Secunderabad (Telangana)-500078

Dear Sir,

In accordance with your invitation to Tender No----------
M/s._____ (here in after called "The tenderer")with the following Directors on their Board of Directors/Partners of the firm.

1. _____ 2. _____ 3. _____
4. _____ wish to participate in the said tender enquiry for the supply of "**Organic Socks Khaki"** to you (here in after called "Thepurchaser") .Whereas a bank guarantee against Earnest Money for a sum of Rs._____in words)_____ Valid for 180 days from the date of tender opening viz. up to_____is required to be submitted by "the tenderer" as a precondition for the participation, this bank hereby guarantees and undertakes to pay the purchaser up to the above amount upon receipt of its first written demand, without the purchaser having to substantiate its demand, provided that in its demand the purchaser will note that the amount claimed by it is due to it owing to the occurrence of any one of the three conditions mentioned below, specifying the occurred condition or conditions during the above said period of 180 days without any reservation and recourse.

1	If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of its validity.
2	If the tenderer after submitting his tender, modifies the rates or any of the terms and conditions thereof, except with the previous written consent of the purchaser.
3	If the tenderer having been notified of the acceptance of this tender by the purchaser during period its validity and
a)	If the tenderer fails to furnish the performance security for the due performance of the contract.
b)	If the tenderer fails or refuses to accept and or execute the contract as provided in the general conditions of the contract.

Signature of the tenderer

The guarantee shall be irrevocable and shall remain valid up to 90 days from the date of opening of tender. If further extension to this guarantee is required, the same shall be extended to such period on receiving instructions from the tenderer on whose behalf this guarantee is issued and any demand in respect thereof should reach the Bank not later than the above date.

Date. _____
Place _____

Signature of authorized officer of the Bank_____

Printed Name._____

Designation_____

Name and address of the bank _____

Banker's Common Seal

Signature of the tenderer

Appendix –C

PROFORMA OF BANK GUARANTEE FOR FURNISHING PERFORMANCE SECURITY DEPOSIT

To
The President of India,

WHEREAS M/S---------- ----------(name and address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract no……dated…….... to supply "**Socks organic khaki"** (description of goods and services) (hereinafter called "the contract")

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a nationalized or scheduled commercial bank of good repute and record recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract:

AND WHEREAS we have agreed to give the supplier such a bank guarantee:

NOW THEREFORE we hereby affirm that we are the guarantors and responsible to you, on behalf of the supplier, up to a total of…… ……(amount of the guarantee in words and figures), and we undertake to pay you, upon your first written demand declaring the supplier to be in default under the contract and without cavil or argument, any sum or sums within the limits of (amount of guarantee)as aforesaid, without your needing to prove or to show grounds or reasons for your demand or the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the supplier before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the contract to be performed there under or of any of the contract documents which may be made between you and the supplier shall in any way release us from any liability under this guarantee and we hereby waive notice of any such change, addition or modification. This guarantee shall be valid until the…….. day of …….2014.

(Signature of the authorized officer of the Bank)
Signature of the tenderer

Name and designation of the officer ……...
Name and address of the Bank ...…..…….....
……

Banker's common seal

Signature of the tenderer

Appendix-D

PERFORMANCE STATEMENT FOR LAST THREE YEARS

Name of Firm:

M/S_____

1. Contract Nos. **:**

2. Description of Stores **:**

3. Quantity on order **:**

4. Value **:**

5. Original D.P. **:**

6. Qty. supplied within original D.P. **:**

7. Final Ext. D.P **:**

8. Last supply position. **:**

9. Reasons for Delay in supplies: (If any)

Signature of the tenderer

APPENDIX " E "

CHECK LIST FOR TENDERERS

(Tenderers should check following requirements for compliance before submission of the tender documents)

Sl. No.	Requirements to be checked by the tenderers before submission of the tender.	Compliance (To be indicated by the tenderer with "YES" after compliance of the requirements)
1	Tenderers should mention quantity for which they have quoted. This should be mentioned in the covering/ forwarding letter head of the technical bid.	
2	Tenderers should ensure deposit of required Earnest Money Deposit if the tenderers are not registered with DGS&D or NSIC for the store(s) quoted for the governing specification as per Tender Enquiry	
3	Tenderers should ensure that their registration with DGS&D and NSIC is valid if they are registered with DGS&D/NSIC and not depositing Earnest Money. They should enclose the latest DGS&D/NSIC registration certificate.	
4	Tenderers should confirm that their equipment/ products conform to the governing specifications of the quoted stores as per Tender Enquiry.	
5	Tenderers should mention whether it is an SSI Unit or not.	
6	Tenderers should mention their monthly manufacturing / supplying capacity.	
7	Tenderers should mention in the Tender Enquiry that they accept our delivery terms i.e. they agree to supply stores at consignees' locations at freight, risk and cost of the tenderers.	
8	Tenderers should mention that their offer is valid up to 180 days from the date of opening of the tender	
9	Tenderers should mention their Delivery Period clearly.	
10	Tenderers should mention that they agree to the Tolerance Clause of the Tender Enquiry	
11	Tenderers should give their past performance in the specified format given in the Tender documents.	
12	Tenderers should mention that they agree to the Arbitration clause of the Tender Enquiry	
13	Tenderer must ensure that the Lab test report along with clear verdict certificate required as per Clause-19.1 of Schedule to Tender Enquiry documents is enclosed	
14	Tenderer must ensure that the counter sample (remnant portion of the test sample) duly sealed, stamped and signed by the Lab should be attached with the Tender Sample/Lab Test report.	
15	Tenderers should mention whether it is a manufacturer of the store(s) quoted or it is the manufacturer's authorized agent. In case of agent, it should submit valid authority letter(s) of their Principal(s) for the stores they have quoted. In case of agent of foreign Principals, they should attach valid registration certificate of DGS&D as agent of foreign Principals.	
16	Tenderers should mention that they agree to accept the conditions of the contract contained in DGS&D-68(Revised) amended up to 31.12.91 and those contained in Pamphlet No.DGS&D-229 read with Annexures attached.	
17	Tenderers should ensure that they have duly filled up Equipment and Quality Control Performa given in the Tender documents.	
18	Tenderers should mention that Business dealing with their firms has not been banned by any govt/ private agencies.	
19	Tenderers should ensure that witness has signed at appropriate places of the Tender documents and full name and address of the witness have been mentioned clearly.	

20	Tenderer should ensure to sign each page of the Tender documents with name, designation, seal and address of the signatory.	
21	If the tenderers want to mention any specific condition, it should be mentioned on the covering/forwarding letter only which will be placed on the first page of the technical bid. Such condition mentioned in any other document shall not be given any consideration.	
22	Tenderers should mention their address for communication with Telephone and Fax Number.	

Signature of the tenderer

TENDER ACCEPTANCE LETTER

(To be given on Company Letter head) Date:
To, _____ _____
_____
_____
_____

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: _____

Name of Tender / Work: -

_____
_____
_____
_____
_____

Dear Sir,

1) I/ We have downloaded / obtained the tender document(s) for the above mentioned Tender/Work' from the web site(s) namely:

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. _____ to _____ (including all documents like annexure(s), schedule(s), etc .,), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. In case any provisions of this tender are found violated , then your department/ organization shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

CONSIGNEE DETAILS AND ADDRESS

S/N0	*Name and address of Consignee*	*Quantity ordered*
01	The Commandant-99 Bn, RAF, **Post-NISA Hakimpet, District- Ranga Reddy, Secunderabad (Telangana)-500078** **Tele: 040- 27981746, Fax: 040-27981746** Rly Station : Secunderabad (TS)	**Organic socks colour Khaki** - 4196 Pairs

Sd/-24/09/16
(V.J. SUNDARAM)
COMMANDANT-99 BN, RAF/CRPF
FOR AND ON BEHALF OF PRESIDENT OF INDIA

Appendix-A (8)

CENTRAL RESERVE POLICE FORCE STANDARD



SPECIFICATION FOR "'ORGANIC SOCKS"

Submitted to :

Directorate General, C.R.P.F
Block No 1 CGO Complex, Lodhi Road, New Delhi-110003

Prepared by :

NORTHERN INDIA TEXTILE RESEARCH ASSOCIATION
Sector-23, Raj Nagar, Ghaziabad (U.P.)
Email : mail@nitratextile.org Fax: 0120-2783596

CRPF NEG ARMY BSF CISF SSB ITBP BPR&D

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SPECIFICATION FOR "ORGANIC SOCKS"

RECORD OF AMENDMENTS

Amendment No. and Date	Amendment pertains to Sl.No./Para No./Column No.	Authority	Amended by Name and Appointment (in block letter)	Signature and Date

CRPF BSF SSB BPR&D

SPECIFICATION FOR "ORGANIC SOCKS"

CONTENTS

ITEM	SUBJECT	PAGE NO.
0	FORWARD	1
1	SCOPE	2
2	MATERIAL	2
3	MANUFACTURE	2
4	WORKMANSHIP AND FINISH	3
5	SEALED SAMPLES	3
6	PAIRING	4
7	DRAWING AND DIMENSIONS	4
8	REQUIREMENTS	6
9	SAMPLING	11
10	MARKING AND LABELLING	12
11	PACKAGING	13
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CRPF NSG BSF CISF SSB ITBP BPR&D

SPECIFICATION FOR "ORGANIC SOCKS"

CONTENTS

ITEM	SUBJECT	PAGE NO.
0	FORWARD	1
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7	DRAWING AND DIMENSIONS	4
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9	SAMPLING	11
10	MARKING AND LABELLING	12
11	PACKAGING	13
12	MARKING OF THE BOX	13
13	REFERENCES	14

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0.0 FORWARD

0.0 This specification has been prepared by Directorate General, CRPF on the authority of The Inspector General of Police, CRPF.

0.1 This specification is for use by the CRPF.

0.2 This specification would be used for manufacture, quality assurance and procurement of the Item.

0.3 Quality assurance authority for the item covered in this specification is Directorate General, CRPF, New Delhi. All enquiries regarding this specification, including those relating to any contractual conditions contained therein shall be addressed to the Quality Assurance authority at the following address:

Directorate General, C.R.P.F
Block No 1 CGO Complex, Lodhi Road, New Delhi-110003

0.4 Copies of the specification can be obtained from:

Directorate General, C.R.P.F
Block No 1 CGO Complex, Lodhi Road, New Delhi-110003

0.5 This specification holds good only for the supply order for which it is issued.

0.6 The Quality Assurance Authority reserves the right to amend or modify this specification as and when required.

0.7 The Quality Assurance Authority is the competent authority to grant concessions, if any, in respect of any clause contained in this specification.

0.8 For the purpose of deciding whether a particular requirement of this specification is complied with, the final value, observed or calculated, expressing the result of a test, shall be rounded off in accordance with IS:2-1960 (Reaffirmed 2006). The number of significant places retained in the rounded off value should be the same as that of the specified value in this specification.

CRPF NSG BSF CISF SSB BPR&D

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1.0 SCOPE

1.1 This specification covers the requirement for **"Organic Socks"** in Four colours- white, black, green and Khaki herein referred as "Socks" against CRPF requirements.

1.2 This specification does not specify general appearance, feel etc of the socks.

2.0 MATERIAL

Socks shall be manufactured using a combination of cotton, nylon, elastane, and polyester double covered rubber yarns. For manufacturers guidance following yarns may be used:

- 24s Ne combed cotton yarn with minimum 2250 CSP and 17±5% TPI
- 70 denier Nylon filament yarn
- 20 denier Elastane yarn
- 110 Gauge rubber thread, double covered with 80 denier polyester filament yarn for Welt Elastic (top). The stretch ability of the covered yarn shall be 1:3 (Minimum) from its original length i.e it shall be stretchable 3 times of its unit length
- 70 denier nylon filament yarn as a linking yarn

In the case of white socks, bleached combed cotton yarn shall be used, while in the case of coloured socks, black, green and khaki dyed combed cotton yarns shall be used.

3.0 MANUFACTURE

3.1 The shape, dimensions and design of the socks are shown in Fig. 1

CRPF DGQA BSF CISF SSB ITBP BPR&D

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3.2 The socks shall be knitted on circular socks knitting machine using plain knit structure in leg & foot portions and pique knit structure in the welt, ensuring that socks are perfectly plaited. The socks shall be plaited throughout the foot and the leg portion. The plaiting shall be even, free from creases, folds and similar in construction to the fabric of the socks. The socks shall be linked with the 70 denier thread over the toe. The linking shall be elastic, smooth and free from lumps and knots. The free end of the linking yarn shall be securely fastened off. The socks shall be free from manufacturing defects such as broken threads in the body, large mends, ladders, dropped stitches, holes, cut, tears, and any other defect, which may significantly affect the appearance or serviceability of socks.

3.3 For guidance circular socks knitting machine of cylinder diameter 3 ¾ inch with 160 needles (36 gauge) may be used for manufacturing 24x24 cm sizes socks.

4.0 WORKMANSHIP AND FINISH

The linking of the toe portion to the foot shall be elastic, smooth, and free from lumps and knots. The socks shall be free from workmanship defects i.e. texture, knitting flaws etc. The finished product (socks) should not have large mends, dropped stitches, ladders etc. The socks shall be properly pressed and folded after manufacturing. The socks when worn shall reach half way of the shine bone.

5.0 SEALED SAMPLE

Socks shall conform in every respect with the requirements specified in this specification. Sealed sample held in the custody of Indian navy headquarters. Sealed sample shall constitute the standard pattern with

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regard to appearance, shade, feel, finish and any other characteristics, properties and parameters not noted and defined in this specification.

6.0 PAIRING

Socks shall be matched and paired according to their type, size and shade. A tolerance of ±1.0 cm in the leg and foot length portions of socks shall, however, be permissible while pairing.

7.0 DRAWING AND DIMENSIONS

7.1 The drawing of socks is shown in the Fig. 1.

7.2 The Dimensions of foot, leg and welt portions of the socks and mass of 10 pairs are given in Table-1.

Table-1 : Dimensions requirement of socks

Size	Foot Length (cm) (A)	Leg Length (cm) (B)	Width of leg (cm) (C)	Width of foot (cm) (D)	Welt Depth (cm) (E)	Welt Width (cm) (F)	Mass per 10 pairs (gm)	Type of Knit
Medium(24X24)	24	24	9.0	9.0	5.0	8.0	380	Pique at welt and Plain in leg & foot portions
Tolerance limit	±1	±1	±0.5	±0.5	±0.5	±0.5	±10%	

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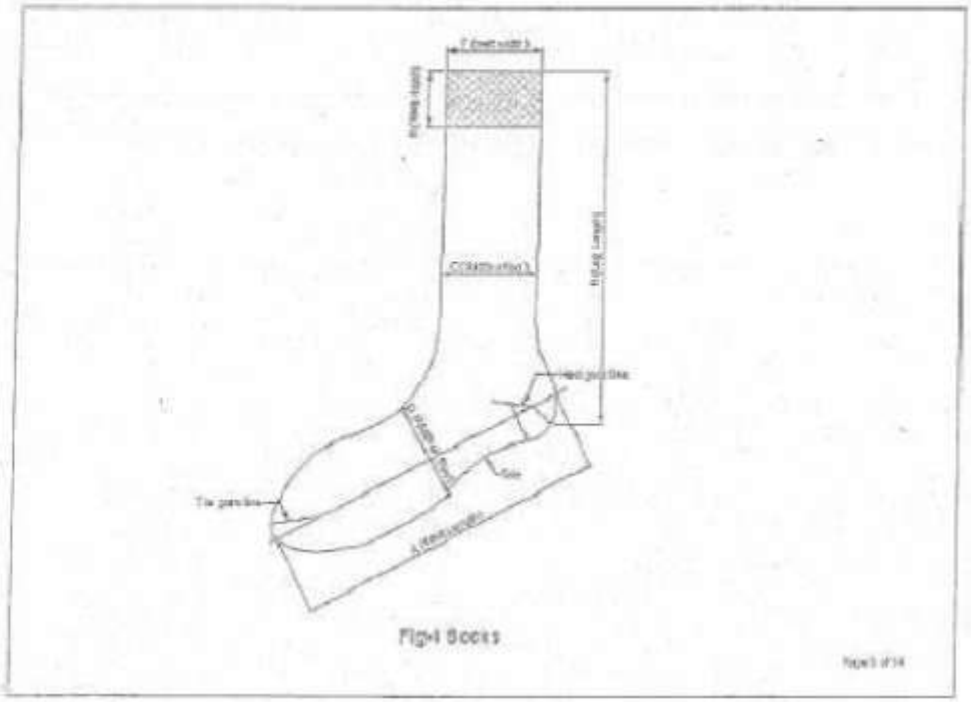


Fig-I Socks

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8.0 REQUIREMENTS

8.1 The socks shall conform to the parameters tested as per the methods given in Table-2.

8.2 The specifications of individual colour of socks as per the requirement of CRPF are given in the Tables 3, 4, 5 and 8.

Table-2: Requirements of socks

Sl. No.	Parametars	Requirements	Method of Testing
1.	Composition of socks, % -Cotton -Nylon -Rubber (Covered with polyester) -Elastane	 68±2 28±2 4±1 (Weight of rubber) 2±0.5	AATCC:20 & 20A
2.	Dimensional Change (due to relaxation), %, Maximum	2.5	A-6 of IS:3329:1973
3	Courses/dm	130 ±4	A-5, IS:833, 1977
4.	Colour Fastness to 1). Light (on blue wool Standards) 2). Washing 3). Perspiration 4). Rubbing	 4 or better 4 or better 4 or better 4 or better	 IS 2454:1985 IS/ISO 105:C10 A(1):2006 IS 971:1983 IS 766:1988
5.	pH Value of aqueous extract	6.0 - 8.5	IS 1390:1993 (Cold method)
6.	Stretch Measurement		
	Parameters	Stretch position requirements	Method
a.	Rib top width (welt)	20.0± 0.5 cm	As per guidance of A-7, IS 833: 1977, Reaffirmed 1999
b.	Leg Lateral	20.0 ± 0.5 cm	
c.	Leg longitudinal	40.0 ± 0.5 cm	
d.	Foot Lateral	20.0 0± .5 cm	
e.	Foot longitudinal	40.0 ± 0.5 cm	

NOTE: 110 Gauge rubber thread used in the welt elastic (Top) shall be double covered with 80 denier polyester filament yarn. Qualitative test shall be performed to check the presence of polyester.

CRPF DIG CISF SSB IRP &PR&D

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Table-3: Colour specification of White socks

Colour	:	White
Method	:	AATCCC-110 (Whiteness of textiles)
Illuminant Observer	:	D 65
Standard Observer	:	10 Degree
Whiteness Index (WI CIE) (With Fluorescent whitening agent)	:	140 ±10

Interpretation of Results :

i) If the sample meets the WI CIE, then sample is acceptable.

ii) If the sample does not meet the WI CIE, then sample is unacceptable.

Note-1 : Absorbance/reflectance/ transmittance are effected by surface characteristics feature of the substrate. Therefore comparison should be made between samples of same type i.e., identical fabric construction parameters and filament/ fibre composition.

Note-2 : If there is a discrepancy, a committee of experts can be constituted to take final decision on the requirement of whiteness property by visual assessment.

Note-3 : Test should be carried out after proper conditioning as per AATCC 173.

CRPF NSG BSF CISF SSB ITBP BPR&D

Signature of the Tenderer

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Table-4: Colour specification of black colour socks (AATCC Test method 173 : 2009 & AATCC Evaluation Procedure 7 : 2009)

Colour	:	Black
System	:	CIE LCH
Illuminant Observer	:	D 65
Standard Observer	:	10 Degree

Tristimulus Values :

X	Y	Z
1.517	1.597	1.873

L C H :

L	C	H
13.212	1.508	273.533

CMC (l:c)	:	2:1
Colour difference, ΔE_{cmc}	:	≤ 1.5

Interpretation of Results :

i) If ΔE_{cmc} is less than or equal to 1.5, then sample is acceptable.

ii) If ΔE_{cmc} is greater than 1.5, then sample is unacceptable.

Note-1 : Absorbance/reflectance/ transmittance are affected by surface characteristics feature of the substrate. Therefore comparison should be made between samples of same type i.e., identical fabric construction parameters and filament/ fibre composition.

Note-2 : Test should be carried out after proper conditioning as per AATCC 173.

CRPF NSG ITBP BSF CISF SSB ITBP SPR&D

Signature of the Tenderer

(20)

Table-5: Colour specification of green colour socks (AATCC Test method 173 : 2009 & AATCC Evaluation Procedure 7 : 2009)

Colour	:	Green
System	:	CIE LCH
Illuminant Observer	:	D 65
Standard Observer	:	10 Degree

Tristimulus Values :

X	Y	Z
5.234	5.964	4.813

L C H :

L	C	H
29.321	8.650	124.923

CMC (l:c)	:	2:1
Colour difference, ΔE_{cmc}	:	≤ 1.5

Interpretation of Results :

i) If ΔE_{cmc} is less than or equal to 1.5, then sample is acceptable.

ii) If ΔE_{cmc} is greater than 1.5, then sample is unacceptable.

Note-1 : Absorbance/reflectance/ transmittance are affected by surface characteristics feature of the substrate. Therefore comparison should be made between samples of same type i.e., identical fabric construction parameters and filament/ fibre composition.

Note-2 : Test should be carried out after proper conditioning as per AATCC 173.

CRPF KSG BSF CISF SSB ITBP IPR&D

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Table-6: Colour specification of Khaki colour socks (AATCC Test method 173 : 2009 & AATCC Evaluation Procedure 7 : 2009)

Colour	:	Khaki
System	:	CIE LCH
Illuminant Observer	:	D 65
Standard Observer	:	10 Degree

Tristimulus Values :

X	Y	Z
13.748	13.587	6.931

LCH :

L	C	H
43.635	23.287	75.597

CMC (l:c)	:	2:1
Colour difference, ΔE_{cmc}	:	≤ 1.5

Interpretation of Results :

i) If ΔE_{cmc} is less than or equal to 1.5, then sample is acceptable.

ii) If ΔE_{cmc} is greater than 1.5, then sample is unacceptable.

Note-1 : Absorbance/reflectance/ transmittance are affected by surface characteristics feature of the substrate. Therefore comparison should be made between samples of same type i.e., identical fabric construction parameters and filament/ fibre composition.

Note-2 : Test should be carried out after proper conditioning as per AATCC 173.

CRPF BSF CISF SSB DRDO

9. SAMPLING

9.1 The manufacturer should offer the stores serially numbered and arranged in such a way that the entire lot is accessible to the inspecting officer. The conforming of a lot to the requirement of this specification shall be determined on the basis of the tests carried out on the samples selected from it. The number of samples shall be selected at random in accordance with Table-7 given below as per IS 4905 : 1968.

Table-7: Pairs of Socks to be selected from a lot and permissible number of non-conforming pairs

No. of Pairs in the lot	Non – Destructive Testing		Destructive Testing (Chemical Testing)	
	No. of pairs to be selected	Permissible number of non-conforming pairs	No. of pairs to be selected	Permissible number of non-conforming pairs
(1)	(2)	(3)	(4)	(5)
Upto 50	10	1	2	0
51 – 100	20	2	2	0
101-200	30	3	2	0
201 – 300	40	3	3	0
301 - 500	50	4	5	0
501 – 800	70	6	7	1
801 – 1300	110	8	10	1
1301 – 3200	150	10	15	2
3201 and above	220	14	30	3

9.2 The number of test samples and the criterion for conformity for various characteristics shall be as follows:

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Characteristics	Number of test samples	Criteria for conformity
Dimensions, Nos. of courses and freedom from defects	All the pairs selected according to the column 2 of table-7	Non-conforming pairs not to exceed the corresponding number given in column 3 of above table-7
Weight	All the pairs selected according to the column 2 of above table-7	Each observed value satisfies the relevant requirement
Dimensional change, pH value, colour fastness to various agencies except light	All the pairs selected according to the column 2 of above table-7	Non-conforming pairs not to exceed the corresponding number given in column 5 of above table-7
Colour fastness to light	One up to 500 pairs and two above that	Each observed value satisfies the specified requirement

10. MARKING AND LABELLING

Each pair of socks should have a printed label that contains the following:

a) Nomenclature of the store i.e. Socks (white with blue band)
b) Material Composition
c) Size
d) Name / Trademark of the manufacturer
e) Washing Details
f) Month & Year of manufacturing

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Signature of the Tenderer

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11. PACKAGING

11.1 Each pair shall be ironed wrinkle free, clipped at the heel, toe and welt portions. The clipped pair shall be properly folded and placed in 30 micron (minimum) BOPP bags. The socks shall be packed in clean and dry conditions.

11.2 Ten pairs of socks shall be packed in polybag to form a unit pack. The quantity of the items packed and weight of the unit pack shall be stenciled with indelible ink on the unit pack.

11.3 Ten such unit packs shall be placed in 5 ply corrugated board box. Unit packs shall be tightly packed in the carton to avoid the movement of unit packs. The carton shall be closed with waterproof cellophane tape. The carton shall be strip bound with polypropylene tape of at least 20 mm width. The gap between the strips and the edges shall not exceed 45 cm. The box shall be lead sealed with the CRPF impression seal.

12. MARKING OF THE BOX

Each box shall be legibly marked by 40-50 mm letter stenciled with indelible marking ink / paint with following details on the box:

a) Nomenclature of the store
b) Qty. packed in the box
c) Supply order number with date
d) Inspection note number and date
e) Serial number of the box
f) Month & year of packing
g) Gross wt. of the box
h) Address of consignee
i) Complete address of the Manufacturer

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Signature of the Tenderer

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13. REFERENCES:

Sl. No.	METHOD/ SPEC. No.	TITLE
(a)	IS 667: 1981, RA 2006	Methods for identification of textile fibres
(b)	IS 833: 1977, RA 2004	Gent's rib-knitted stockings (courses and wales /dm), dimensions, mass and No. of needles
(c)	IS 971: 1983, RA 2004	Method for determination of colour fastness of textile material to perspiration
(d)	IS 1390: 1983, RA 2004	Methods of testing of pH value of aqueous extract
(e)	IS 2454: 1985, RA 2006	Methods for determining of colour fastness of textile materials to artificial light (xenon lamp)
(f)	IS 2500 (Part 2): 1985, RA 2006	Sampling Inspection tables
(g)	IS/ISO 105 C10 A(1):2006	Method for determination of colour fastness of textile material to washing
(h)	IS 4905: 1968, RA 2006	Method of random Sampling
(i)	IS 681:1964, RA 2006	Count of yarn of cotton and rubber thread
(j)	IS 766: 1988 RA 2004	Method for determination of colour fastness of textile material to Rubbing (dry & wet)
(k)	IS : 833:1977, RA 2004	Method of testing of relaxation shrinkage
(l)	AATCC 20:2010 & 20A: 2010	Fibre analysis
(m)	IS 14424: 1997, RA 2007	Rubber threads – specification
(n)	IS 6359:1971, RA 2004	Method for Conditioning of Textiles

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