

Tender Covering Form
Directorate of Procurement (Navy)
Through Bahria Gate

Contact: Reception 051-9262311, Bahria Gate 0331-5540649,
Section: 051-9262314 Email: adpn33@paknavy.gov.pk

P-33/FOR Section (Contact: 051-9262314)

Tender No and Date R2412330254
Tender Description Jacket Weather Proof Digital Camouflage for Pak Marine
IT Opening Date 23/01/2025
Firm Name _____
Postal Address _____
Email Address for Correspondence _____
Contact Person _____
Contact Number (Landline _____) (Mobile _____)

Document to be Attached with Quotation

Firm is to submit its proposal in a sealed envelope which shall contain 03 x Sealed Envelops as per details given below:

<u>Sealed Envelop 1 – Technical Offer in Duplicate</u>			
This envelope must contain 02 x sets of Technical Offer (01 x Original + 01 x Copy). Each Set must contain following documents as per this order and Supplier is to mark tick against each to ensure that these documents have been			
S No	Document	Original Set	Copy Set
1	Bank Challan of Rs. 200/- for DGDP registered firms and Rs. 300/- for all other firms (in favour of CMA(DP))		
2	DP-1 Form of IT with tick mark against each clause and initiated on each page		
3	DP-2 Form of IT with compliance remarks against each clause and initiated on each page		
4	Annex A of IT duly filled (with compliance remarks)		
5	Annex B & C of IT (with compliance remarks)		
6	DP-3 Form of IT (duly filled & Signed)		
7	Manufacturer Authorization letter (where applicable)		
8	Manufacturer Price list (where applicable)		
9	DRAP registration letter (in case of medical)		
10	DGDP Registration Letter (If firm is registered with DGDP)		
11	Tax Filling Proof		

Sealed Envelop 2 – Earnest Money
This Envelop must contain Earnest Money only.

<u>Sealed Envelop 3 – Commercial Offer</u>			
This Envelop must contain following documents:			
1	Firms Commercial Offer	01 x Original	
2	Principal Invoice (where applicable)	01 x Original	
3	Duly filled DP-2 Form of IT	01 x Original	

Firms Declaration

It is certified that we have submitted tender in compliance with above instructions and we understand

Firm's Authorized Signatures _____

DIRECTORATE PROCUREMENT (NAVY)

Directorate of Procurement (Navy)
 Through Bahria Gate
 Near SNIDS Centre,
 Naval Residential Complex

Contact: Reception: 051-9262311
 Bahria Gate: 0331-5540649
 Section: 051-9262314

Email: adpn33@paknavy.gov.pk

M/s _____

Dated :

INVITATION TO TENDER AND GENERAL INSTRUCTIONS

Dear Sir / Madem,

1. DP (Navy) invites you to tender for the supply of stores/equipment/ services as per details given in attached Schedule to Tender (Form DP-2).

2 Caution: This tender and subsequent contract agreement awarded to the successful bidder is governed by the rules / conditions as laid down in PPRA Rules-2004 and DPP&I-35 covering general terms and conditions of contracts laid down by MoDP / DGDP. As a potential bidder, it is incumbent upon you and your firm to first acquaint yourself with PPRA Rules 2004 (www.ppra.org.pk) and DPP&I-35 (print copy may be obtained from DGDP Registration Cell on Phone No. 051-9270967 before participating in the tender. If your firm / company possesses requisite technical as well financial capability, you must be registered or willing to register with DGDP to qualify for award of contract, which shall be made after security clearance and provision of required registration documents mentioned in Para 15 of this DP-1.

Understood
agreed

Understood
not agreed

3 Conditions Governing Contracts. The 'Contract' made as result of this I/T (Invitation to Tender) i.a.w PPRA Rules 2004 shall mean the agreement entered into between the parties i.e. the „Purchaser and the „Seller on Directorate General Defence Purchase (DGDP) contract Form “DP-19” in accordance with the law of contract Act, 1872 and hose contained in Defence Purchase Procedure and Instructions and DPP&I-35 and other special conditions that may be added to given contract for the supply of Defence Stores / Services specified herein.

Understood
agreed

Understood
not agreed

4 Delivery of Tender: The tender documents covering technical and commercial offers are to be furnished as under:-

a Commercial Offer: The commercial offer will be in single copy and indicate prices quoted in figures as well as in words in the currency mentioned in IT. It should be clearly marked in fact on a separate sealed envelope "Commercial Offer", tender number and date of opening. Taxes, duties, freight/transportation, insurance charges etc are to be indicated separately. Total price of the items quoted against the tender is to be clearly mentioned. In case of more than one option offered by the firm, DP(N) reserves the right to accept lowest technically accepted option if more than one options were accepted in Technical Scrutiny Report.

Understood agreed Understood not agreed

b Technical Offer: (Where Applicable). Should contain all relevant specifications in DUPLICATE (or as specified in IT) along with essential literature/brochure, drawings and compliance metrics in a separate sealed envelope and clearly marked "Technical Offer" without prices, with tender number and date of opening. Technical offer shall be opened first; half an hour after the date and time for receipt of tender mentioned in DP-2. Firms are to confirm/comply with IT technical specification in the following format:

Understood agreed Understood not agreed

S. No	Technical requirement as per IT	Firm's endorsement (Comply/Partially Comply/Non Comply)	Basis of C, PC of NC i.e. Refer to page or brochure	In case of non availability of enclosed proof from brochure/ Literature, quote/attach additional documents/data/undertaking as proof of compliance

(Legend: C = Fully Comply, PC = Partially Comply, NC = Not Comply)

(Firms must clearly identify where their offer does not meet or deviates from IT Specs)

c Special Instructions. Tender documents and its conditions may please be read point by point and understood properly before quoting. All tender conditions should be responded clearly. In case of any deviation due to non-acceptance of tender conditions(s), the same should be highlighted alongwith your offered conditions. Tender may however be liable to be rejected.

Understood agreed Understood not agreed

d Firms shall submit their offers in two separate envelopes (i.e. one copy of commercial offer and two copies of the technical offers as asked in the IT) and envelopes clearly marked "Technical proposal", "Commercial proposal" in bold. The commercial offer will include rates of items/services called for and the technical offer will not indicate the rates. Both types of offers are to be enclosed in separate covers and each envelope shall be properly sealed bearing of the bidder. Each cover shall indicate type of offer, number and date of IT and IT opening date. Thereafter both the envelopes (technical and commercial offer) shall be placed in one envelope (second cover) duly sealed and signed. This cover should bear the address

of the procurement agency indicating, issuance date of IT and No, with its opening date. This should be further placed in another cover (third cover), addressed and indicated in the tender documents, without any indication that there is a tender within it.

e FORM DP-1, DP-2, DP-3 and Questionnaires. Form DP-1, DP-2 (alongwith annexes), DP-3 and Questionnaires duly filled in are to be submitted with the technical offer duly stamped/signed by the authorized signatory/ person. It is pertinent to mention that all these are essential requirement for participation in the tender.

Understood agreed	Understood not agreed

f. The tender duly sealed will be addressed to the following:-

Directorate of Procurement (Navy)
 Through Bahria Gate
 Near SNIDS Centre,
 Naval Residential

 Contact: Reception: 051-9262311
 Bahria Gate: 0331-5540649
 Section: 051-9262314

 Email: adpn33@paknavy.gov.pk

5 Date and Time For Receipt of Tender. Tender must reach this office by the date and time specified in the Schedule to Tender (Form DP-2) attached. This Directorate will not accept any excuse of delay occurring in post. Tenders received after the appointed/ fixed time will NOT be entertained. The appointed time will, however, fall on next working day in case of closed/forced holiday. Only legitimate/registered representatives of firm will be allowed to attend tender opening. In case your firm has sent tender documents by registered post or courier service, you may confirm their receipt at DP (Navy) on Phone No 051-9271468 well before the opening date / time.

Understood agreed	Understood not agreed

6 Tender Opening. Tenders will be opened as mentioned in the schedule to tender. Commercial offers will be opened at later stage if Technical Offer is found acceptable on examination by technical authorities of Service HQ. Date and time for opening of Commercial offer shall be intimated later. Only legitimate / registered representative of firm will be allowed to attend tender opening. Tenders received after date and time specified in DP-2 would be rejected without exception and returned un-opened i.a.w Rule 28 of PPRA-2004.

Understood agreed	Understood not agreed

7. Validity of Offer.

a. The validity period of quotations must be indicated and should invariably be 120 days from the date of opening of Commercial offer or 30th June whichever is later. Firm undertakes to extend validity of offer if required by equal number of original bid period (i.e. 120 days as per original offer) i.a.w PPRA Rule-26.

Understood agreed	Understood not agreed

b. The quoting firm will certify that in case of an additional requirement of the contract items (s) in any qty(s) within a period of 12 months from the date of signing the contract, these will also be supplied at the ongoing contract rates with discount.

8 Part Bid Firm may quote for the whole or any portion, or to state in the tender that the rate quoted, shall apply only if the entire quantity/range of stores is taken from the firm. The Director Procurement reserves the right of accepting the whole or any part of the tender or portion of the quantity offered, and firm shall supply these at the rate quoted.

Understood
agreed

Understood
not agreed

9 Quoting of Rates. Only one rate will be quoted for entire quantity, item wise. In case quoted rates are deliberately kept hidden or lumped together to trick other competitors for winning contract as lowest bidder, DP(N) reserves the right to reject such offers on-spot besides confiscating firms Earnest Money / Bid Security and take appropriate disciplinary action. Conversion rate of FE/LC components will be considered w.e.f. opening of commercial offer as per PPRA Rule-30(2).

Understood
agreed

Understood
not agreed

10. Return of I/T. ITs are to be handled as per following guidelines:

Understood
agreed

Understood
not agreed

a. In case you are Not quoting, please return the tender inquiry stating the reason of NOT quoting. In case of failure to return the ITs either quoted or not quoted consequently on three occasions, this Directorate, in the interest of economy, will consider the exclusion of your firms name from our future distribution list of invitation to tender.

b. For registered firm(s), case will be referred to DGDP for necessary administrative action if firms registered / indexed for tendered items/stores do not quote / participate.

c. It is a standard practice to invite all firm(s) including those unregistered with DGDP who gave their preliminary budgetary/ technical proposals to end users / indentors. If your firm has been invited to participate in the tender, you must either participate in tender. In case of your inability to do so, you must inform DP (Navy) by a formal letter/email.

11. Withdrawal of Offer. Firms shall not withdraw their commercial offers before signing of the contract and within validity period of their offers. In case the firm withdraws its offer within validity period and before signing of the contract, Earnest Money of the firm shall be confiscated and disciplinary action may also be initiated for embargo up to 01 year.

Understood
agreed

Understood
not agreed

12. Provision of Documents in case of Contract. In case any firm wins a contract, it will deposit following documents before award of contract:

Understood
agreed

Understood
not agreed

a. Proof of firms financial capability.

b. Foreign Seller has to provide its Registration Number issued by respective Department of Commerce authorizing export of subject stores.

c. Principal/Agency Agreement.

d. Registration with DGDP (Provisional Registration is mandatory)

13. Treasury Challan.

Understood
agreed

Understood
not agreed

a. Offers by registered firms must be accompanied with a Challan form of Rs.200/- (obtainable from State Bank of Pakistan/Government Treasury) and debit able to Major Head C02501-20, Main Head-12, Sub Head 'A' Miscellaneous (Code Head 1/845/30). Each offer will be covered by one Challan.

b. Firms, un-registered / un-indexed with GDP (Registration Section) are to participate in the tender by submitting Challan Form of Rs 300 in favour of CMA (DP).

14. Earnest Money/Tender Bond: Please ensure Earnest Money is contained in a separate envelop (not inside Technical or commercial offer). Offer is liable to be rejected in case Earnest Money is packed inside commercial or Technical offer. Your tender must be accompanied by a Call Deposit Receipt (CDR) in favor of CMA (DP), Rawalpindi for the following amounts:-

Understood
agreed

Understood
not agreed

a. Submitting improper Earnest Earnest Money/Bid Security furnished with tender is strictly in conformity of tender/IT conditions (Clause 14 of DP-1 and clause 10 of DP-2) on the subject. We have no objection on confiscation of Earnest Money/Bid security and rejection of our offer in case amount of Earnest Money/Bid Security is improper/insufficient in violation of IT condition.

b. Rates for Contract. The rate of earnest money and its maximum ceil for different categories OF FIRMS would be as under:-

(i) Registered/Indexed/Pre-Qualified Firms. 2% of the quoted value subject to maximum ceiling of Rs. 0.500 Million.

(ii) Registered/Pre-Qualified but Un-indexed 3% of the quoted value subject to maximum ceiling of Rs. 0.750 Million.

(iii) Unregistered/not Pre-Qualified/Un-indexed 5% of the quoted value subject to maximum ceiling of Rs. 1.000 Million.

c. Return of Earnest Money. (i) Earnest money to the unsuccessful bidders will be returned on finalization of the contract.

(ii) Earnest money of the firm/firms with whom contract is concluded will be returned on submission of Bank Guarantee and its acceptance by CMA (DP).

15. Documents for provisional registration: In case your firm wins a contract on Earnest Money (EM) , it will deposit following documents to DGDP (Registration Section) before the award of contract for provisional registration:-

Understood
agreed

Understood
not agreed

S No	Local Supplier	Foreign Supplier
a.	Three filled copies of SVA-8121 of each member of management.	Three filled copies of SVA-8121-D of each member of management.
b.	Three filled copies of SVA-8121-A	Three filled copies of SVA-8121.
c.	Three photocopies of NIC for each member of management.	Three photocopy of Resident Card or equivalent identification Card for each member of management.
d.	Three PP size photographs for each member of management.r	Three PP size Photographs for each member of management.
e.	Challan Form	Challan Form
f.	Bank Statement for last one year.	Financial standing/audit balance
g.	Photocopy of NTN	Photocopy of passport
h.	Foreign Principal Agency Agreement in case of local agent.	Agency Agreement in case of Trading House/ Company/ Exporter /Stockiest etc.

16. Inspection Authority. CINS, Joint Inspection will be carried out by INS, Consignee and Specialist User or a team nominated by Pakistan Navy. CINS inspection shall be as prescribed in DPP & I-35 (Revised 2019) or as per terms of the contract.

Understood agreed Understood not agreed

17. Condition of Stores. Brand new stores will be accepted on Firms Warranty/Guarantee Form DPL-15 enclosed with contract.

Understood agreed Understood not agreed

18. Documents Required. Following documents are required to be submitted along with the quote:

Understood agreed Understood not agreed

- a. OEM/Authorized Dealer/Agent Certificate along with OEM Dealership Evidence.
- b. The firm/supplier shall provide correct and valid e-mail and Fax No to CINS and DP(N). Supplier/contracting firm shall either provide OEM Conformance Certificate to CINS or is to be e-mailed to CINS under intimation to DP (Navy). Hard copy of COC must follow in any case through courier. On receipt, CINS shall approach the OEM for verification of Conformance Certificates issued by OEM. Companies/firms rendering false OEM Conforming Certificates will be blacklisted.
- c. Original quotation/Principal/OEM proforma invoice.
- d. In case of bulk proforma invoice, a certificate that prices indicated in the bulk proforma invoice have not been decreased since the date of bulk proforma invoice from the manufacturers/suppliers.
- e. Submit breakup of cost of stores/services on the following lines:
 - (i) Imported material with break down item wise along-with import duties.
 - (ii) Variable business overheads like taxes and duties imposed by the federal/provincial government as applicable:-
 - (1) General Sales Tax
 - (2) Income Tax
 - (3) Custom Duty. PCT code along with photocopy of the related page is to be attached where applicable.
 - (4) Any other tax
 - (iii) Fixed overhead charges like labour, electricity etc.
 - (iv) Agent commission/profit, if any.
 - (v) Any other expenditure/cost/service/remuneration as asked for in the tender.

19. Rejection of Stores/Services. The stores/services offered as a result of contract concluded against this tender may be rejected as follows:

Understood agreed Understood not agreed

- a. 1st rejection on Govt. expense
- b. 2nd rejection on supplier expense
- c. 3rd rejection contract cancellation will be initiated.

2 0 . Rejection of Stores/Services. To ensure timely and correct supply of stores the firm will furnish an unconditional Bank Guarantee (BG in the currency in which contract is concluded) from a schedule Bank of Pakistan for an amount upto 10 % of the contract value (excluding Taxes, duties/freight handling charges) on a Judicial Stamp Paper (All pages) of the value of (Rs 100.00) as per prescribed format or in shape of CSD/Bank draft. The Bank Guarantee shall be endorsed in favour of CMA (DP) Rawalpindi who is the Accounts Officer specified in the contract. The CMA (DP) Rawalpindi has the like power of seeking encashment of the Bank Guarantee as if the same has been demanded by the purchaser himself. The Bank Guarantee shall be produced by the supplier within 30 days from the date of issue of the contract and remain valid for upto 60 days after completion of warranty period and remain in force till one year ahead of the delivery date given in the contract. If delivery period is extended, the supplier shall arrange the extension of Bank Guarantee within 30 days after the original delivery period to keep its validity always one year ahead of the extended delivery period. The BG form can be obtained from DP(N) on e-mail address given on page 1. Format of BG is enclosed at Annex B.

Understood
agreed

Understood
not agreed

2 1 . Integrity Pact. There shall be “zero tolerance” against bribes, gifts, commission and inducement of any kind or their promises thereof by Supplier / Firm to any Government official / staff whether to solicit any undue benefit, favour or otherwise. Following provisions must be clearly read and understood for strict compliance:

Understood
agreed

Understood
not agreed

a. Integrity Pact shall be applicable to all tenders / contracts irrespective of their financial value. However, a written Integrity Pact shall be signed for contracts exceeding Rs 10 Million between the procuring agency and the supplier / contractor i.a.w Rule-7 of PPRA-2004. The form is available at www.ppra.org.pk or can be requested at dpn@paknavy.gov.pk

b. If a Supplier / Contractor is found involved in any unbusiness-like / unethical activity, same would be considered a serious breach of the Integrity Pact. DP (Navy) shall take severe disciplinary action against that person(s) and the firm / company, which may include, but not limited to, PERMANENT BLACKLISTING of firm / company through DGDP and legal action against the individual (s) involved as per Pakistans Code of Criminal Procedure.

c. It is strictly forbidden to socialize, call or meet any official / staff of DP (Navy) in private or during off hours. If any official / staff from Purchaser side asks for any undue favour or gratification directly or indirectly, the matter is to be immediately brought to the personal notice of Director Procurement (Navy) on Respective Section Tel: 051-9271468 or through a personal meeting in office. Privacy of firms and their Reps sharing such information will be guaranteed without any prejudice to their normal business activities.

2 2 . Correspondence. All correspondence will be addressed to the Purchaser i.e. DP (Navy). Correspondence with regard to payment or issue of delivery receipt may be addressed to CMA Rawalpindi and Consignee respectively with copy endorsed to the DP (Navy).

Understood
agreed

Understood
not agreed

2 3 . Pre-Shipment Inspection. PN may send a team of officers including DP(N) member for the inspection of major equipments and machinery items at OEM premises as per terms of contract. If not already provided for and mentioned in the I.T, firm(s) must clarify the place, number of persons, duration and whether expenses on such visits would be borne by the Purchaser or Contractor. In case contractor is responsible for bearing such expenses, detailed breakdown of the same should be given separately in the commercial offer.

Understood
agreed

Understood
not agreed

24. Amendment to Contract. Contract may be amended/modified to include fresh clause (s) modify the existing clauses with the mutual agreement by the supplier and the purchaser; such modification shall form an integral part of the contract

Understood
agreed

Understood
not agreed

25. Discrepancy. The consignee will render a discrepancy report to all concerned within 60 days after receipt of stores for discrepancies found in the consignment. The quantities found short are to be made good by the supplier, free of cost.

Understood
agreed

Understood
not agreed

26. Price Variation.

Understood
agreed

Understood
not agreed

a. Prices offered against this tender are to be firm and final.

b. Where the prices of the contracted stores/raw material are controlled by the government or an agency competent to do so on government behalf then price increase/decrease will be allowed at actual on case to case basis on production of government notification by the Supplier for the subject stores where the firms are contractually obliged and bound to produce the stores from raw materials supplied by government/State controlled departments in consultation with Military Finance.

c. Except for calculation or typographical errors, the rates of the contracts not having a price variation clause PVC clause will not be increased subsequently. But when such an increase is considered desirable in the interest of expeditious supply of stores and is necessitated by the circumstances beyond the control of the Supplier, the case may be decided accordingly.

27. Force Majeure.

Understood
agreed

Understood
not agreed

a. The supplier will not be held responsible for any delay occurring in supply of equipment due to event of Force Majeure such as acts of God, War, Civil commotion, Strike, Lockouts, Act of Foreign Government and its agencies and disturbance directly affecting the supplier over which events or circumstances the supplier has no control. In such an event the supplier shall inform the purchaser within 15 days of the happening and within the same timeframe about the discontinuation of such circumstances / happening in writing. Non-availability of raw material for the manufacture of stores, or of export permit for the contracted stores from the country of its origin, shall not constitute Force Majeure.

b. The Supplier shall provide the Purchaser with all the necessary proof of the occurrence of the events and its effect on the contract performance within 30 days from the start to force majeure event.

c. The Purchaser shall be entitled to conduct investigation into the cause of delay reported by the Supplier.

d. Where the delay was due to genuine force majeure event it shall extend the delivery for a period of equal to the period in which such force majeure remains operative.

e. Such extension in delivery period, due to force majeure, shall not entitle the Suppliers to claim any extra from the Purchaser.

28. Arbitration. Parties shall make their attempt to settle all disputes arising under this contract through friendly discussions in good faith. In the event that either party shall perceive such friendly discussion to be making insufficient progress towards settlement of dispute (s) at any time, then such party may be written notice to the other party refer the dispute (s) to final and binding arbitration as provided below:

Understood agreed Understood not agreed

- a. The dispute will be referred for adjudication to two arbitrators one to be nominated by each party, who before entering upon the reference shall appoint an umpire by mutual agreement, and if they do not agree a judge of the Superior court shall be requested to appoint the umpire. The arbitration proceedings shall be held in Pakistan and under Pakistani Law.
- b. The venue of the arbitration shall be the place from which the contract is issued or such other places as the Purchaser at his discretion may determine.
- c. The arbitration award shall be firm and final.
- d. In course of arbitration the contract shall be continuously be executed except that part which is under arbitration
- e. All proceedings under this clause shall be conducted in English language and in writing

29. Court of Jurisdiction. In case of any dispute only court of jurisdiction at Rawalpindi, Pakistan shall have jurisdiction to decide the matter

Understood agreed Understood not agreed

30. Liquidated Damages(LD). Liquidated Damages upto 2% per month are liable to be imposed on the suppliers by the purchaser in accordance with DPP & I-35, if the stores supplied after the expiry of the delivery date without any valid reasons. Total value of LD shall not exceed 10% of the contract value.

Understood agreed Understood not agreed

31. Risk Purchase. In the event of failure on the part of supplier to comply with the contractual obligations the contract will be cancelled at the Risk and Expense (RE) of the supplier in accordance with DPP & I-35.

Understood agreed Understood not agreed

32. Compensation Breach of Contract. If the contractor fails to supply the contracted stores or contract is cancelled either on RE or without RE or contract become ineffective due to default of supplier / seller or stores / equipment declared defective and caused loss to the Government, contractor shall be liable to pay to the Government compensation for loss or inconvenience resulting for his default or from the rescission of his contract when such default or rescission take place such compensation will be in excess to the RE amount, if imposed by the competent authority. Compensation amount in terms of money will be decided by the purchase officer and will be deposited by contractor / seller in Government treasury in the currency of contract.

Understood agreed Understood not agreed

33. Gratuities/Commission/Gifts. No commission, rebate, bonus, fee or compensation in any form shall be paid to any local or foreign agent, consultant representative, sales promoter or any intermediary by the Manufacturer/Supplier except the agent commission payable as per the agent commission policy of the government and as amended from time to time and given in the contract. Any breach of such clause(s) of the contract by Manufacturer/Supplier and/or their sole nominated representative may result in cancellation of the contract blacklisting of the Manufacturer/Supplier financial penalties and all or any other punitive measure which the purchaser may consider appropriate.

Understood
agreed

Understood
not agreed

34. Termination of Contract.

Understood
agreed

Understood
not agreed

a. If at any time during the currency of the contract the Purchaser decides to terminate the contract for any reason whatsoever (other than for reasons of Non-Delivery) he shall have right to do so by giving the Supplier a registered notice to that effect. In that event the Purchaser will accept delivery at the contract price and terms of such stores/goods/services which are in the actual process of manufacture that is completed and ready for delivery within thirty days after receipt by the Supplier of such notice.

b. In the case of remainder of the undelivered stores/goods/services the Purchaser may elect either:

(i) To have any part thereof completed and take the delivery thereof at the contract price or.

(ii) To cancel the remaining quantity and pay to the Supplier for the articles or sub-components or raw materials purchased by the Supplier and are in the actual process of manufacture at the price to be determined by the Purchaser. In such a case materials in the process of manufacture shall be delivered by the Supplier to the Purchaser.

c. Should the Supplier fail to deliver goods/services in time as per quality terms of contract or fail to render Bank Guarantee within the stipulated time period or any breach of the contract the Purchaser reserves the right to terminate/cancel the contract fully or any part thereof at the risk and

35. Rights Reserved. Directorate of Procurement (Navy), Rawalpindi reserves full rights to accept or reject any or all offers including the lowest. Grounds for such rejections may be communicated to the bidder upon written request, but justification for grounds is not required as per PPRA Rule 33 (1).

Understood
agreed

Understood
not agreed

36. Application of Official Secrets Act, 1923. All the matters connected with this enquiry and subsequent actions arising there from come within the scope of the Official Secrets Act, 1923. You are, therefore, requested to ensure complete secrecy regarding documents and stores concerned with the enquiry and to limit the number of your employees having access to this information.

Understood
agreed

Understood
not agreed

37. Acknowledgment. Firms will send acknowledgement slips within 07 days from the date of downloading of IT from the PPRA Website i.e. WWW.PPRA.ORG.PK

Understood agreed Understood not agreed

38. Disqualification. Offers are liable to be rejected if:-

Understood agreed Understood not agreed

a. Received later than appointed/fixed date and time.
b. Offers are found conditional or incomplete in any respect.
c. There is any deviation from the General /Special/Technical Instructions contained in this tender.
d. Forms DP-1, DP-2 (along with Annexes), and DP-3 duly signed, are NOT received with the technical offer.
e. Taxes and duties, freight/transportation and insurance charges NOT indicated separately as per required price breakdown mentioned at Para 17.
f. Treasury challan is NOT attached with the technical offer.
g. Multiple rates are quoted against one item.
h. Manufacturers relevant brochures and technical details on major equipment assemblies are not attached in support of specifications.
i. Subject to restriction of export license.
j. Offers (commercial/technical) containing non-initialed/ unauthenticated amendments/corrections/overwriting.
k. If the validity of the agency agreement is expired.
l. The commercial offer against FOB/CIF/CandF tender is quoted in local currency and vice versa.
m. Principals invoice in duplicate clearly indicating whether prices quoted are inclusive or exclusive of the agent commission is not enclosed.
n. Earnest money is not provided.
o. Earnest Money is not provided with the technical offer (or as specified).
p. If validity of offer is not quoted as required in IT or made subject to confirmation later.
q. Offer made through Fax/E-mail/Cable/Telex.
r. If offer is found to be based on cartel action in connivance with other sources/ participants of the tender.
s. If OEM and principal name and complete address is not mentioned.
t. Original Principal Invoice is not attached with offer.

39. Appeals by Supplier/Firm. Any aggrieved Supplier/Firm against the decision of DP (N) or CINS or any other problematic area towards the execution of the contract may prefer an Appeal to Standing Appeal Committee (SAC) comprising PN Officers and military finance rep at Naval headquarters, Islamabad. The detail and timeline for preferring appeals is given below:

Understood agreed Understood not agreed

S.No	Cetegary of Appeal	Limitation Period
a	Appeals for liquidated damages	Within 30 days decision
b	Appeals for reinstatement of contracts	Within 30 days decision
c	Appeals for risk and expense amount	Within 30 days decision
d	Appeals for rejection of stores	Within 30 days decision
e	Appeals in all other Cases	Within 30 days decision

40. Limitation Any appeal received after the lapse of timelines given in para 39 above shall not be entertained.

Understood
agreed

Understood
not agreed

41. For Firms not Registered with DGDP. Firms not registered with DGDP undertake to apply for registration with DGDP prior signing of Contract. Details can be found on DGDP website ww.dgdp.gov.pk. These firms can participate in tender iaw paras 12 and 14 above

Understood
agreed

Understood
not agreed

42. Firms which are not registered with DGDP should initiate provisional registration in accordance with Para 41. Besides, ground check by Field Security (FS) Team will be made for security clearance related to participation in the tender after technical opening. Firms undertake to provide following documents for ground check by FS Team:

Understood
agreed

Understood
not agreed

- a. NTN
- b. Income Tax Return
- c. Sales Tax Return
- d. Sales Tax Certificate
- e. Chamber of Commerce Industry Certificate
- f. Professional Tax Certificate (Excise and Taxation)
- g. Office/Home/Ware House Property documents
- h. Utility Bills (Phone/Electricity)
- j. Firm Vehicle/Personal Vehicle
- k. CEO Visiting Card/NIC Copy, 03Xspecimen signature of CEO
- l. DGDP Registration letter
- m. Firm Bank Statement
- n. Non Black List Certificate
- p. 2 X Witness + CNIC and Mobile Numbers
- q. Police Verification
- r. Agency Agreement
- s. OEM Certificate
- t. ISO Certificate
- u. Stock List with value
- v. Company Profile/Broachers
- w. Employees List
- x. Firm Categories
- y. Sole Proprietor Certificate
- z. Partnership Deed
- aa. Pvt Limited
- ab. Memorandum of Articles
- ac. Form 29 and Form A
- ad. Incorporation Certificate

43. We solemnly undertake that all IT clauses marked as "Understood and Agreed" shall not be changed / withdrawn after tender opening. The IT provisions accepted shall form the baseline for subsequent contract negotiations.

Understood
agreed

Understood
not agreed

44. The above terms and conditions are confirmed in total for acceptance.

Understood
agreed

Understood
not agreed

45. Format of DPL-15 (warranty form) and PBG are enclosed as Annex A and B.

Understood
agreed

Understood
not agreed

Sincerely yours,

(To be Signed by Officer Concerned)

Rank: _____

NAME: _____

DPL-15 (WARRANTY)

FIRM'S NAME M/s _____

1. We hereby guarantee that the articles supplied under the terms of this contract are produced new in accordance with approved drawings/specification and in all respect in accordance with the terms of the contract, and the materials used whether or not of our manufacture are in accordance with the latest appropriate standard specifications, as also in accordance with the terms of complete of good workmanship throughout and that we shall replace FOR/DDP Karachi free of cost every article or part thereof use or in use shall be found defective or not within the limits and tolerance of specifications requirement or in any way not in accordance with the terms of the contract.

2. In case of our failure to replace the defective stores free of cost within a reasonable period, we shall refund the relevant cost FOR/DPP Karachi (As the case may be in currency in with received).

3. This warranty shall remain valid for 01 Year after the acceptance of stores by the end user

The signature must be the same as that on the tender/contract, or if otherwise must be shown to be the signature of a person capable of giving a guarantee on behalf of the contractor

SIGNATURE _____

DATE _____

PLACE _____

BANK GUARANTEE FOR PERFORMANCE ON
JUDICIAL STAMP PAPER OF RS. 100/- OR
AS SUITABLE TO THE AMOUNT OF BG

- (i) Contract No. _____ dated _____
(ii) Name of Firm/Contractor _____
(iii) Address of Firm/Contractor _____
(iv) Name of Guarantor _____
(v) Address of Guarantor _____
(vi) Amount of Guarantee Rs. _____
(_____)
(in words)
(vii) Date of expire of Guarantee _____

To: The President of Islamic Republic of Pakistan through the
Controller of Military Accounts (Defence Purchase) Rawalpindi.

Sir

1. Whereas your good self have entered into Contract No.

_____ dated _____
with Messers _____

(Full Name and Address)

hereinafter referred to as our customer and that one of the conditions of the Contract is the submission of unconditional Bank Guarantee by our customer to your good self for a sum of Rs. _____ Rupees/FE (as applicable) _____

2. In compliance with this stipulation of the contract, we hereby agree and undertake as under: -

a. To pay to you unconditionally on demand and/or without any reference to our Customer and amount not exceeding the sum or Rs. _____ Rupees or FE (as applicable) _____ as would be mentioned in your written Demand Notice.

b. To keep this Guarantee in force till _____.

c. That the validity of this Bank Guarantee shall be kept one clear year ahead of the original/extended delivery period or the warrantee of the stores which so ever is later in duration on receipt of information from our Customer i.e. M/s _____ or from your office. Claim, if any must be duly received by us on or before this day. Our liability under this Bank Guarantee shall cease on the closing of banking hours on the last date of the validity of this Bank Guarantee. Claim received thereafter shall not be entertained by whether you suffer a loss or not. On receipt of payment under this guarantee, this document i.e. Bank Guarantee must be clearly cancelled, discharged and returned to us.

d. That we shall inform your office regarding termination of the validity of this Bank Guarantee one clear month before the actual expiry date of this Guarantee.

e. That with the consent of our customer you may amend/alter any term/clause of the contract or add/delete any term/clause to/from this contract without making any reference to us. We do not reserve any right to receive any such amendment/alternation or addition/deletion provided such like actions do not increase our monetary liability under this Bank Guarantee which shall be limited only to Rs. _____ (Rupees _____).

f. That the Bank Guarantee herein before given shall not be affected by any change in the constitution of the Bank or Customer/Seller or Vendor.

g. That this an unconditional Bank Guarantee, which shall be encashed on sight on presentation without any reference to our Customer/Seller or Vendor.

Guarantor

Dated: _____

(Bank Seal and Signatures)

AFFIDAVIT/UNDERTAKING
(WORTH RS, 100/- ON JUDICAL STAMP PAPER)

Mr _____ Authorized signatory/
Partner/MD of M/s _____, do hereby solemnly affirm to DGP
(Army), DP (Navy), DP (Air) and Directorate General Defence Purchase, Ministry of Defence
Production, Rawalpindi that our firm M/s _____ has applied for registration
with Director General Defence Purchase (DGDP) duly completed all the documents required by
registration section on _____ (date) i,e before signing the contract. I certify that the above
mentioned statement is correct. In case it is detected on any stage that our firm has not applied
for registration with Director General Defence Purchase or statement given above is incorrect,
our firm will be liable for disciplinary action initiated (i,e debarring, the firm do business with
other Defence Establishment and Govt Agencies). I also accept that any disciplinary action
taken will not be challenged in any Court of Law.

Station: _____
Date: _____

Signature: _____
Name: _____
Appointment in Firm: _____

ATTESTED BY OATH COMMISSIONER WITH STAMP

INVITATION TO TENDER FORM

1 Schedule to Tender No. 425043/R2412330254 Dated 27 Dec 24 This tender will be closed for acceptance at 1030 Hours and Will be opened at 11:03 Hours on 2025-01-23 11:00:00.0 Please drop tender in the Tender Box No. 203

2 You are requested to please use this Performa for price quotation, fill in the prices, affix your stamp on the same, sign it and forward it in original as your Commercial offer along with the covering letter of your firm. If you do not use this form as price quotations your offer might be rejected.

3 . You are requested to please attach DP-1 and DP-3 alongwith your quotation duly signed and stamped. Same are available at www.ppra.org.pk

S NO	DETAIL OF STORES	QTY	UNIT PRICE	TOTAL PRICE
1	8415701000991 Jacket Weather Proof Digital Camouflage for Pak Marine Size Small Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B	1000.0 NUMBERS		
2	8415701000992 Jacket Weather Proof Digital Camouflage for Pak Marine Size Medium Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B	1700.0 NUMBERS		
3	8415701000993 Jacket Weather Proof Digital Camouflage for Pak Marine Size Large Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B	300.0 NUMBERS		
Above mentioned price includes 18% sale Tax (Please tick Yes or No)			Yes	No
Grand Total				

Terms and Conditions

1. Terms of Payment As per Annex B
2. Origin of OEM Indigenous
3. Origin of Stores Indigenous
4. Technical Scrutiny Report Required
5. Delivery Period 100% Stock to be offered for Inspection by 01 November 2025 and 100% Stock to be delivered at Depot by 30 December 2025
6. Currency PAK RUPEES
7. Basis for acceptance FOR
8. Bid validity The validity period of quotations must be indicated and should invariably be 120 days from the date of opening of commercial offer or 30th June whichever is later. Firm undertakes to extend validity of offer if required by equal number of original bid period (i.e. 120 days as per original offer) i.a.w PPRA Rule-26.
9. Tendering procedure Single Stage - Two Envelopes
bidding procedure will be followed . PPRA Rule 36 refers.
10. Earnest Money/Tender Bond

Please ensure Earnest Money is contained in a separate envelop (not inside Technical or commercial offer). Offer is liable to be rejected in case Earnest Money is packed inside commercial or Technical offer. Your tender must be accompanied by a Call Deposit Receipt (CDR) in favor of CMA (DP), Rawalpindi for the following amounts:-

a . Submitting improper Earnest Money/Bid Security Earnest Money/Bid Security furnished with tender is strictly in conformity of tender/IT conditions (Clause 14 of DP-1 and clause 10 of DP-2) on the subject. We have no objection on confiscation of Earnest Money/Bid security and rejection of our offer in case amount of Earnest Money/Bid Security is improper/insufficient in violation of IT condition.

b . Rates for Contract. The rate of earnest money and its maximum ceil for different categories OF FIRMS would be as under:-

(i) Registered/Indexed/Pre-Qualified Firms. 2% of the quoted value subject to maximum ceiling of Rs. 0.500 Million.

(ii) Registered/Pre-Qualified but Un-indexed 3% of the quoted value subject to maximum ceiling of Rs. 0.750 Million.

(iii) Unregistered/not Pre-Qualified/Un-indexed 5% of the quoted value subject to maximum ceiling of Rs. 1.000 Million.

c . Return of Earnest Money. (i) Earnest money to the unsuccessful bidders will be returned on finalization of the contract.
(ii) Earnest money of the firm/firms with whom contract is concluded will be returned on submission of Bank Guarantee and its acceptance by CMA (DP).

13. Special Note.

All Participating firms must submit technical offers in duplicate (one for TSR committee and one for DP (Navy) record).

a. Unregistered (Not registered with Directorate General Defense Purchase) firms must provide the documentary evidence of their financial capability to undertake the project.

b. Unregistered firms are to submit a certificate along with their Technical offer stating that the firm is not black listed by any government organization and not under disciplinary trial or embargo.

c. Only registered suppliers on Active Taxpayers List (ATL) of FBR are eligible to participate in the Tender and submit quote.

d. Release of payments is subject to mandatory submission of Filer Certificate duly issued by FBR showing the name of supplier on ctiveTaxpayers List (ATL). No payment will be released by CMA (DP) unless latest Filer Certificate duly issued by FBR showing the name of supplier on its Active Taxpayers list is submitted alongwith payment documents.

e. In case of Pakistani firms, sales tax, NTN and income tax registration certificates are to be attached with the offer. These certificates are mandatory with the BID, otherwise offer shall be REJECTED.

f. Company registration certificates are to be attached with offer.

g. Requisite amount of earnest money (in shape of CDR/Demand Draft/Pay Order in the favour of CMA (DP) is to be attached in separate envelop in sealed condition with the Technical offer. Photocopy of the same shall also be attached with DP-2 as a testimony. Cheques/crossed cheques shall not be accepted. Technical offers received without earnest money shall not be accepted and will be rejected on spot.

h. Duly completed Form DP-1 and DP-3 are to be attached with Technical Offer.

i. DP-2 Form shall also be submitted with Technical Offer without mentioning of prices. Moreover, compliance or otherwise against each para/requirement of Annex A, B & C duly signed and stamped by firm authorized rep is to provide for technical scrutiny.

j. Price preference is admissible to local manufacturers over foreign vendors as per PPRA Rule 24 and Govt of Pakistan (Ministry of Commerce) SRO 827 (I)/2001.

k. Indent having single item with different sizes will be dealt as package depending upon overall cost/ lowest bid.

Note: In case of failure to comply above instructions, Terms and conditions, offer will liable for rejection.

RESTRICTED



IMMEDIATE

DID
OFFICE OF NRD (JTD
YONG)

PN/DID/GENERAL/558558

58455

See Distribution

02 August 2024

PROMULGATION OF AMENDMENTS IN PN SPECIFICATIONS : INCLUSION OF SECURITY CLAUSE IN PN SPECIFICATIONS OF CAMOUFLAGE DRESSES

Reference(s):

A. PNNS Div/GENERAL/2142589 dated 31 July 2024

Apocropos reference A, amendments in following PN Specifications of Camouflage Dresses and Weather proof Jackets are promulgated herewith for compliance/ future reference, please:

S.No	PN Specifications	Description
a.	03/2018	Dress Pak Marines 80% Cotton - 40 % polyester
b.	10/2014	Dress Pak Marines 100% Cotton
c.	04/2018	Dress SSG(N) 80% Cotton - 40 % polyester
d.	08/2014	Dress SSG(N) 100% Cotton
e.	03/2018	GSD Dress 4 - 60% Cotton - 40 % polyester
f.	01/2018	GSD Dress 4 100% Cotton
g.	05/2019	Weather Proof Jackets

AZHAR HUSSAIN T(I/M)
CAPT PN
DID

RESTRICTED

RESTRICTED

From:

1. Amendment in PN Specifications w.r.t Inclusion of security clauses

Distribution:

External:

Action:

CSD N
Attn: CO PNCSD

Chief Inspector of Naval Stores
Attn: IO CLOTHING CINS

DP Navy
Attn: ADP 33 PRE AND POST

Information:

DNS

DCINS

Internal:

Information:

MD ITD (AOL)

DID
Attn: SO TEXTILE I ID

PN/DID/GENERAL/9583688 approved by DID CAPT PN AZHAR HUSSAIN T(M) on
02 August 2024 (1022 Hrs)

Note: Computer generated documents do not require signature

RESTRICTED

**AMENDMENTS IN PN SPECIFICATION 05/2019
WEATHER PROOF JACKET**

FOR

Article No	Page No	ITEM
16.	6	<p><u>PACKING DETAILS</u></p> <p>16.1. The store when ordered to be delivered 'PACKED' shall be packed as per following instructions:</p> <ul style="list-style-type: none"> • Each Jacket shall be properly folded length wise. • The Weather Proof Jackets shall be packed in a neat, dry and clean condition in polyethylene bag of suitable size. • OS Weather Proof Jackets shall be further packed in a thick Boxboard/Flouring. • Each Box Board packing shall be securely and properly packed. • Each box board shall consist of same size.
17.	8	<p><u>IDENTIFICATION LABEL</u></p> <p>17.1. Each weather Proof Jacket shall bear following minimum information attached with Weather Proof Jacket:</p> <ul style="list-style-type: none"> a. Item name/ Item description with NSN/ Pattern No. b. Material Composition. c. Contract number and Date. d. Year of Manufacturing. e. Contractor's name, initials or Trade mark. f. Batch no.

READ

Article No	Page No	ITEM
16.	6	<p><u>PACKING DETAILS</u></p> <p>16.1. The store when ordered to be delivered 'PACKED' shall be packed as per following instructions:</p> <ul style="list-style-type: none"> • Each Jacket shall be properly folded length wise. • Unique Security Code (as embossed on the inside of each items) alongwith corresponding Barcode, may also be indicated on outside of

		<p>each polythene bag in form of stickers at a suitable place.</p> <ul style="list-style-type: none"> • The Weather Proof Jackets shall be packed in a neat, dry and clean condition in polythylene bag of suitable size. • 05 Weather Proof Jackets shall be further packed in a thick Boxboard/Flouring. • Complete list of tracking/ security code must be • Placed inside the thick Boxboard/ Flouring. • Each Box Board packing shall be securely and properly packed. • Each box board shall consist of same size.
17	a	<p>IDENTIFICATION LABEL</p> <p>17.1. Each weather Proof Jacket shall bear following minimum information attached with Weather Proof Jacket:</p> <ul style="list-style-type: none"> a. Item name/ item description with NSN/ Pattern No. b. Material Composition. c. Contract number and Date. d. Year of Manufacturing. e. Contractor's name, initials or Trade mark. f. Batch no. <p>17.2. Unique Security Code/ tracking code with permanent ink should be embossed in the following way on inside of each Shirt and Trouser at a suitable place:</p> <ul style="list-style-type: none"> a. A unique security/tracking code (10-12 digits) with permanent ink should be embossed/ printed on the inner side of each shirt/ jacket (preferably at collar or cuff) as well as the Trouser (inner side of the front/back pocket or waist belt). b. The complete security/ tracking code must start with a 4-letter alphabet to represent manufacturing supplier/ firm name followed by 6 to 8 digits. For instance, 'ABCD00010786' for M/s ABCDEF or 'CDBA00020786' for M/s BCDAEF. c. Specific alphabet should be defined in indent of store initiated by concerned depot.

Army Security



DID
OFFICE OF MD ITD NRDI
(ITD WING)

PN/DID/03/3612386

58455

See Distribution

11 November 2019

AMENDED PN SPECIFICATION OF WEATHER PROOF JACKET

Reference:

- A. PN/NS Dte/03/2031507 dated 31 October 2019
- B. PN/DID/03/3438530 dated: 24 Oct 2019
- C. PN/NS Dte/03/2016372 dated: 22 Oct 2019
- D. PN/DID/03/2682008 dated: 17 Jul 2019

Apropos reference A, Annex D (Drawing) of PN Specification of Weather Proof Jacket is amended as directed vide reference C. Same is enclosed for promulgation/ future reference, please.

ASIF ALI PIRZADA
Cdr PN
DID

Encl(s):

1. Drawing of Weather Proof Jacket

Distribution:

External:

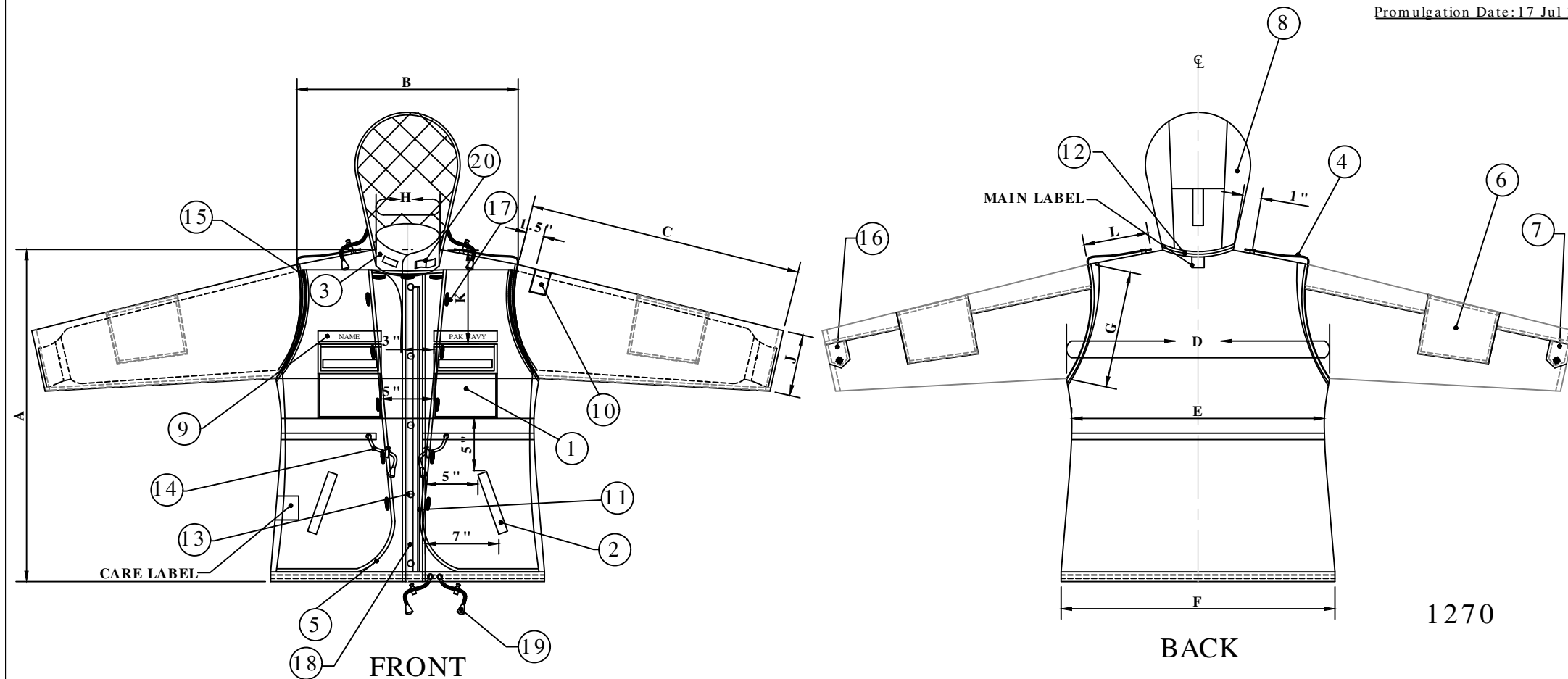
Action:

DNS

DP (NAVY)

Chief Inspector of Naval
Stores

Viewed by: Lt PN Rana Mehdi Hassan GO 1 PNCSD. Dated: 10 Mar 2021 15:59:32



1270

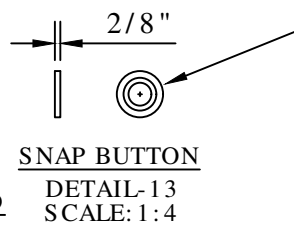
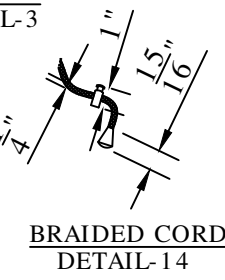
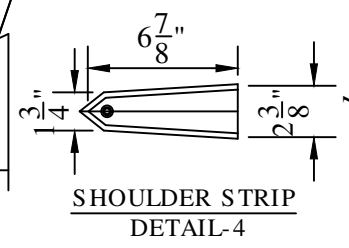
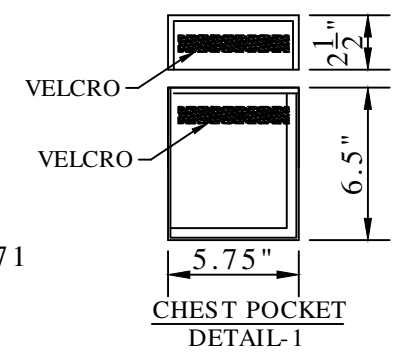
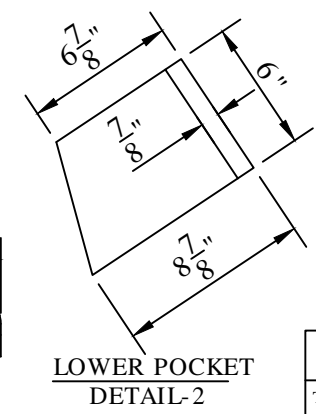
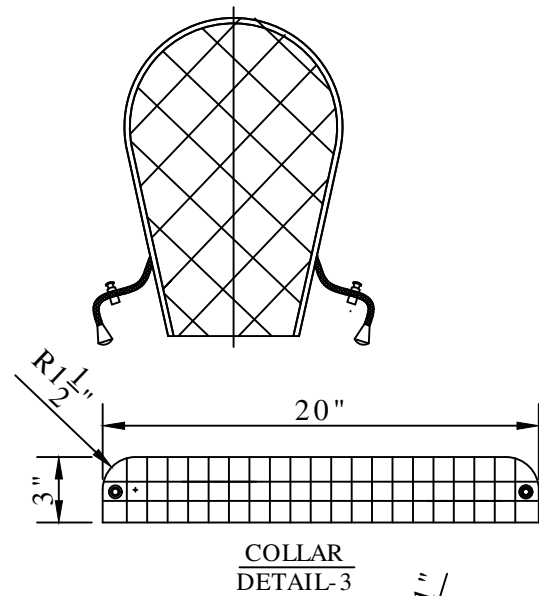
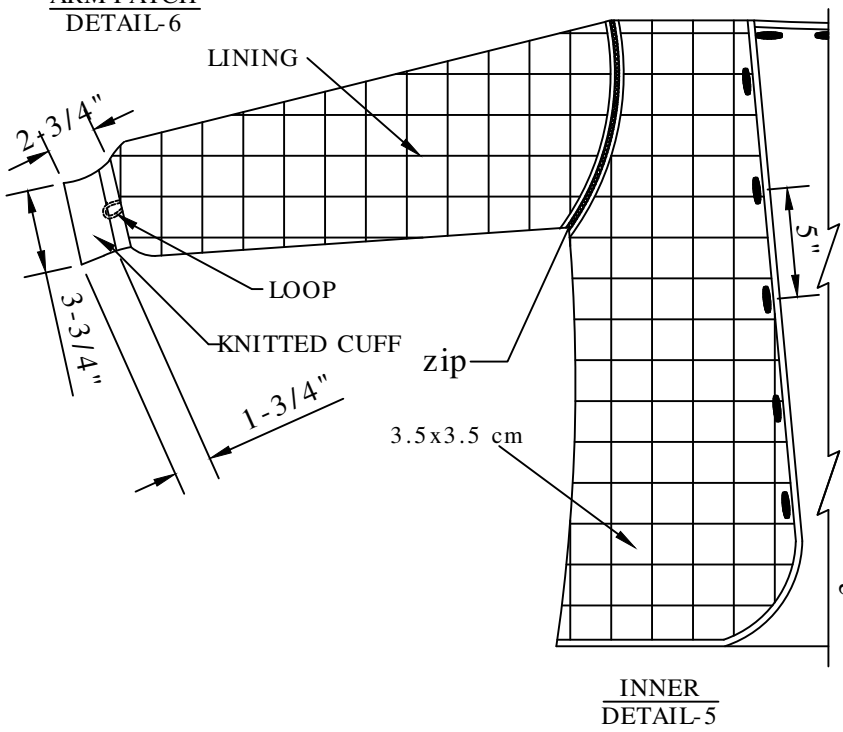
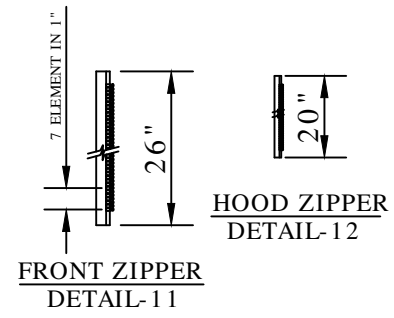
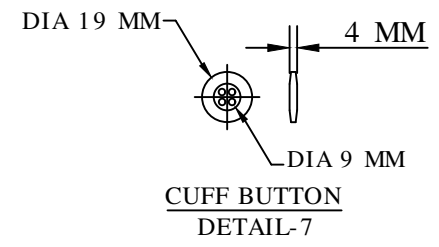
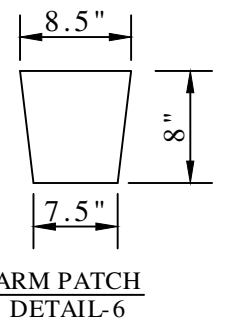
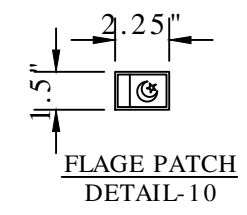
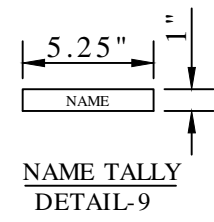
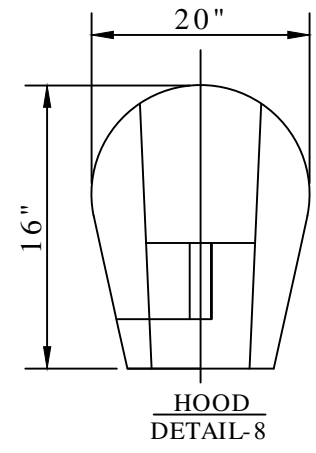
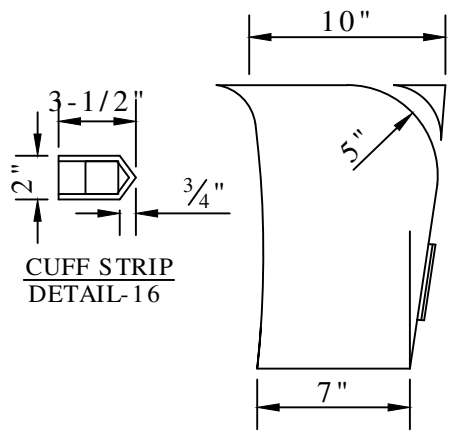
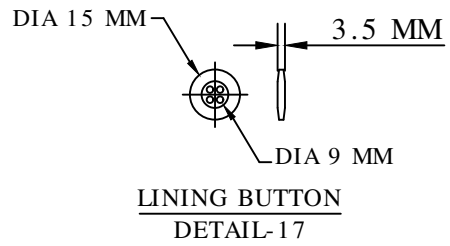
BACK

NOTE:
 FOR FURTHER DETAILS SEE SEALED STOCK SAMPLE.

			12	HOOD ZIPPER	01	L	SHOULDER FLAP	
			11	FRONT ZIPPER	01	K	SHOULDER TO POCKET	
			10	FLAG PATCH	01		DISTANCE	
		01	9	NAME TALLY	02	J	CUFF	
20	VELCRO	01	8	HOOD	01	H	COLLAR	
19	BRAIDED CORD/DRAW STRING	01	7	CUFF BUTTON	02	G	ARM HOLE	
18	BUTTON FLAP	01	6	ARM PATCH	02	F	BOTTOM	
17	LINING BUTTON	13	5	INNER	01	E	WAIST	
16	CUFF STRIP	02	4	SHOULDER FLAP	02	D	CHEST	
15	SLEEVE ZIPPER	02	3	COLLAR	01	C	SLEEVE LENGTH	
14	BRAIDED CORD	01	2	LOWER POCKET	02	B	SHOULDER	
13	SNAP BUTTON	07	1	CHEST POCKET	02	A	LENGTH	
S.NO	ITEM	QTY	S.NO	ITEM	QTY	DESCRIPTION		

DITD KARACHI		
TITLE: WEATHER PROOF JACKET (MAIN BODY)		
DWG.NO. TD-2463/2019	DIMENSIONS: INCHES	
DATE: 11-06-2019	SCALE: 1:12	
DRAWN BY	CHECKED BY	APPROVED BY
--SD--	--SD--	--SD--
H.D/M M.ASGHAR I/c DWG.	LT SANA KANWAL KHAN SO TEX	CDR ASIF ALI PIRZADA DID

ANNEX D TO
 PN Specification No 05/2019
 Promulgation Date: 17 Jul 19



1271

DITD KARACHI		
TITLE: WEATHER PROOF JACKET (SMALL PARTS)		
DWG.NO.	TD-2379/2017	DIMENSIONS: INCHES
DATE:	14-02-2017	SCALE: 1:12
DRAWN BY	CHECKED BY	APPROVED BY
--SD--	--SD--	--SD--
H.D/M M.ASGHAR I/c DWG.	LT SANA KANWAL KHAN SO TEX	CDR ASIF ALI PIRZADA DID



DITD S
OFFICE OF MD ITD NRDI
(ITD WING)

PN/DID/03/3150584

58410

See Distribution

30 September 2019

AMENDMENT IN PN SPECIFICATION OF WEATHER PROOF JACKET

Reference:

- A. PN/NS Dte/03/1964751 dated: 17 Sep 2019
- B. PN/DID/03/2872193 dated: 04 Sep 2019
- C. PN/COMDEP/CSD N/03/2838026 dated: 08 Aug 2019
- D. PN/DID/03/2682008 dated: 17 Jul 2019
- E. Contract No 825032/R 1904/330838 dated 30 June 2019
- F. Indent No 825030 dated 17 Jan 19
- G. Indent No 825031 dated 17 Jan 19

Provisional Specification Sheet along with Drawing as Post Contractual Admin Amendment have been approved by Competent Authority vide Reference A. However, same is issued only for the contract & indent at Reference E to G as discussed vide MoM at Reference C. Amended Specification Sheet & Drawing of Weather Proof Jacket attached as Annex A and B are promulgated for future reference.

BURHAN AHMAD
Capt PN
DITD (S)

Annexes:

- A. Provisional Specification Sheet
- B. Drawing of Weather Proof Jacket

Distribution:

External:

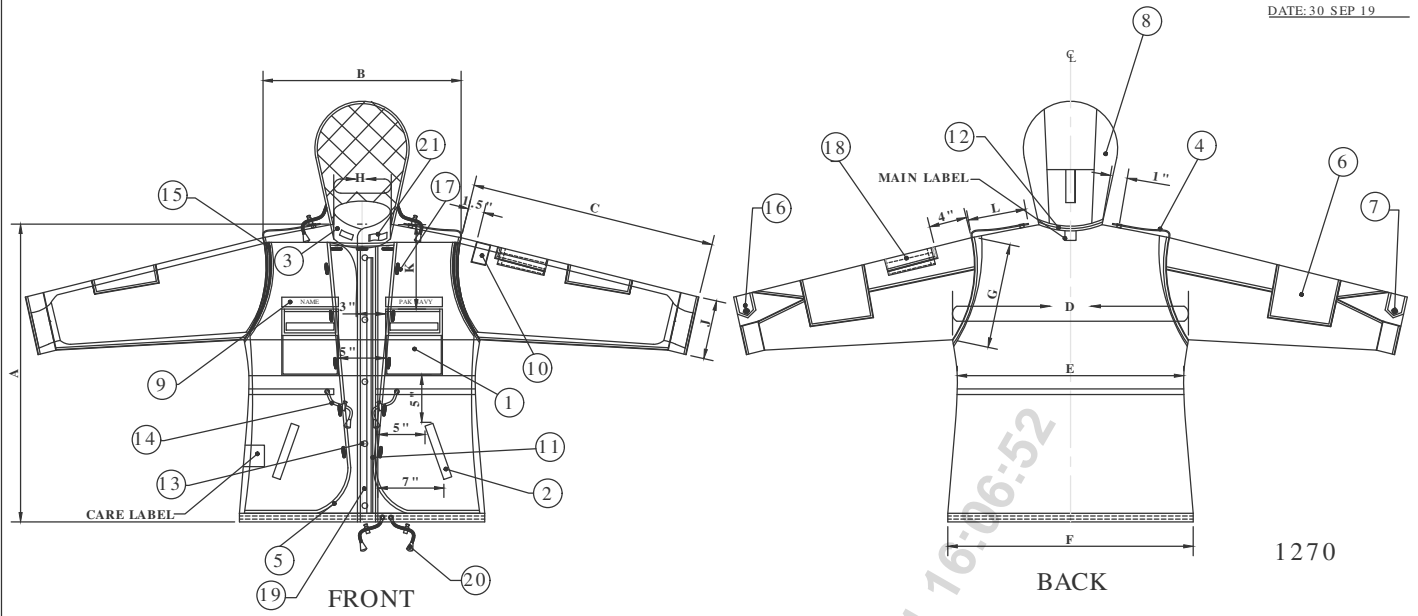
Action:

Viewed by: Lt PN Rana Mehdi Hassan GO | PNCSD: 10 Mar 2021 16:05:38

ANNEX A**Letter No PN/DID/03/3150584****Dated 30 Sep 2019****PROVISIONAL SPECIFICATIONS SHEET**

S.No	Para / Page No	Parameters defined in PN Specifications 05/2019	Amended Parameters
a.	8.10 (Page 5)	The quilting Shall be made with 3.5 x 3.5 cm square	The quilting shall be made with 5 x 5 cm square
b.	Page 12	LINING FABRIC MATERIAL SPECIFICATION (For Inner Lining of Jacket)	
		(1) Blend Composition a. Cotton 50% \pm 3 b. Polyester 50% \pm 3	30% \pm 3 70% \pm 3
		(2) Thread per 25 mm a. Warp 136 \pm 2 b. Weft 72 \pm 2	90 \pm 2 72 \pm 2
		(3) Count of yarn a. Warp 15 Tex \pm 1 b. Weft	30 PC 150 Denier
c.	Page 13	LINING FABRIC PERFORMANCE TESTING	
		(2) BS (10.2 X 16.8 CM BG) a. Warp 140 kg \pm 10 kg b. Weft 60 kg \pm 05 kg	As per approved sample
		POLYSTER FABRIC (Base Cloth For Wadding Liner)	
		(1) Material 100% Polyester	30% Cotton 70% Polyester
d.	Page 14	(2) Wt/Sq.mtr 55g \pm 3 g	130 g
		(3) Thread/25 mm a. Warp 106 \pm 2 No b. Weft 82 \pm 2	90 \pm 2 72 \pm 2
		(4) Linear Density a. Warp 70 \pm 05 Denier b. Weft 70 \pm 05 Denier	30 PC 150 Denier
e.	Page 13	(6) Breaking Strength (10.2x 16.8 cm BG) a. Warp 100 kg + 5 kg b. Weft 80 kg + 5 kg	As per approved sample
		(9) Nature of Dye	Vat Disperse
f.	Page 14	FILLING/ WADDING MATERIAL SPECIFICATION (For Insulating Material of Liner)	
		(1) Material 100% Polyester	100% Polyester
		(2) Weight per Sq meter (grams) 200 grams	150 \pm 5

		(3) Thickness at 300 g Load 2.4mm \pm 0.2mm	As per approved sample
		CLOTH LINING (FOR PIPING OF WADING LINER)	
		(2) Wt/Sqmt 130 g \pm 10 g	130 g \pm 10 g
		(3) Thread/25 mm a. Warp 136 \pm 10 b. Weft 72 \pm 2	90 72
		(4) Count of Yarn a. Warp 15 Tex \pm 1 b. Weft 15 Tex \pm 1	30 PC 150 denier
		(6) Breaking Strength a. Warp 140 Kg \pm 10 Kg b. Weft 60 Kg \pm 5 Kg	As per approved sample
		(11) Blend Composition a. Cotton 50% \pm 3 b. Polyester 50% \pm 3	30%, 70%
g.	Page 15	CUT ZIPPER NYLON COIL	
		YKK BRAND	OR EQUIVALENT
		KNITTED CUFF	
		(1) Blend Composition a. Cotton 85% \pm 3 b. Polyester 15% \pm 3	All parameters as per approved sample
		(2) Count of Yarn a. Cotton 50 Tex \pm 2Tex b. Splicing 80 Den \pm 5 Den	
		(3) Wt/Sq mtr 630 g \pm 10 g	
		(4) No of Needles 168	
	(5) Shade	Black Pantone # 19-4006 TCX nearest to Pantone	
h.	Page 17	ZIPPER MATERIAL FOR FRONT OPENING	
		Braided cord	For waist and bottom adjustment
j.	Page 19	FLEECE LINING OF POCKET	
		(3) Color	Black Pantone # 19-4006 TCX As per approved sample
k.	Page 27	DRAWING	
		Buttons 04	Button 05 (At equal distance)
		Collar	Band Collar (03 inch)
		Flap	Fabric flap to cover front buttons



NOTE:
 FOR FURTHER DETAILS SEE SEALED STOCK SAMPLE.

DITD KARACHI

TITLE:
**WEATHER PROOF JACKET
 (MAIN BODY)**

DWG.NO. TD-2463/2019 DIMENSIONS: INCHES
 DATE: 11-06-2019 SCALE: 1:12

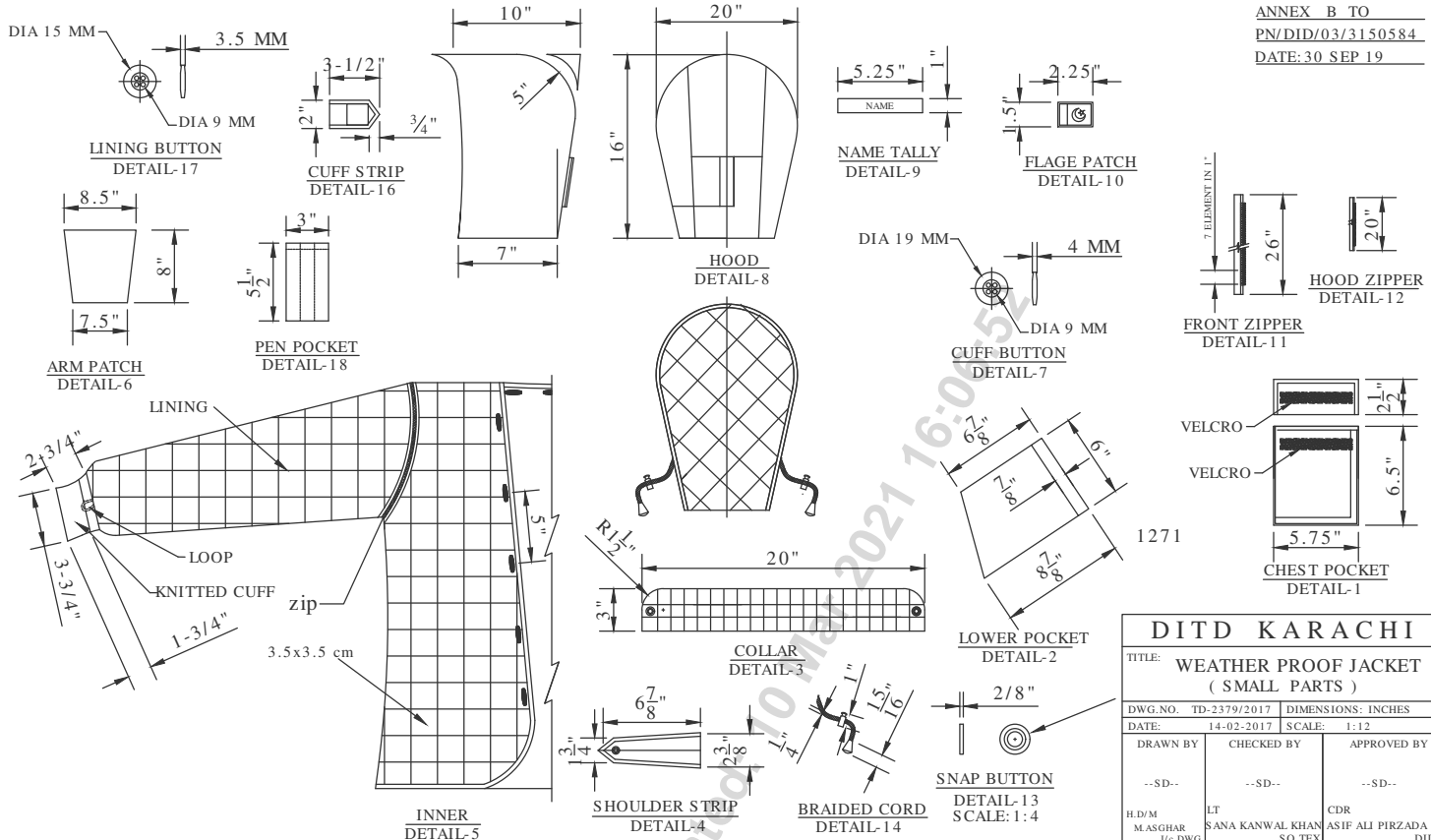
DRAWN BY	CHECKED BY	APPROVED BY
--SD--	--SD--	--SD--

H.D/M M.ASGHAR I/c DWG.	LT SANA KANWAL KHAN SO TEX	CDR ASIF ALI PIRZADA DID
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S.NO	ITEM	QTY	S.NO	ITEM	QTY	DESCRIPTION
21	VELCRO	01	12	HOOD ZIPPER	01	L SHOULDER FLAP
20	BRAIDED CORD/DRAW STRING	01	11	FRONT ZIPPER	01	K SHOULDER TO POCKET DISTANCE
19	BUTTON FLAP	01	10	FLAG PATCH	01	J CUFF
18	PEN POCKET	01	9	NAME TALLY	02	H COLLAR
17	LINING BUTTON	13	8	HOOD	01	G ARM HOLE
16	CUFF STRIP	02	7	CUFF BUTTON	02	F BOTTOM
15	SLEEVE ZIPPER	02	6	ARM PATCH	02	E WAIST
14	BRAIDED CORD	01	5	INNER	01	D CHEST
13	SNAP BUTTON	07	4	SHOULDER FLAP	02	C SLEEVE LENGTH
			3	COLLAR	01	B SHOULDER
			2	LOWER POCKET	02	A LENGTH
			1	CHEST POCKET	02	

Viewed by: Lt PN Rana Mehdi Hassan GO I PNCSD. Date: 2021-03-16 16:06:52

ANNEX B TO
 PN/DID/03/3150584
 DATE: 30 SEP 19



DITD KARACHI		
TITLE: WEATHER PROOF JACKET (SMALL PARTS)		
DWG. NO. TD-2379/2017	DIMENSIONS: INCHES	
DATE: 14-02-2017	SCALE: 1:12	
DRAWN BY ..SD..	CHECKED BY ..SD..	APPROVED BY ..SD..
H.D/M M.ASGHAR i/c DWG.	LT SANA KANWAL KHAN SO TEX	CDR ASIF ALI PIRZADA DID

Viewed by: Lt PN Rana Mehdi Hassan GO I PNCSD. Date: 10/11/2021 16:00:52



PAKISTAN NAVY SPECIFICATION No. 05/2019
PROMULGATION DATE: 17 July 2019

WEATHER PROOF JACKETS

Prepared by:

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1. **DESIGNATION**

1.1 Weather Proof Jackets for Gen Navy (Dress No. 4B), Pak Marines, SSG (N) and PNP.

2. **USAGE**

2.1 These jackets will be used by PN personnel during cold weather of Ashore/Establishment.

3. **INTRODUCTION**

3.1 This specification is prepared by Directorate of Indigenous Technical Development, Karachi, to provide necessary guidance to the potential manufacturers/ suppliers of the items mentioned herein. This specification is to be used for testing and deciding upon acceptance, or otherwise, of the items mentioned. Any alteration or addition in this specification can be suggested to ITD Directorate. However, it cannot be implemented without prior approval of DNS. This specification supersedes and replaces PN Specification no. 01/2017 dated 15 March 2017 promulgated earlier in relation to the item mentioned herein. These specifications are based on the requirement of Pakistan Navy.

3.2 This specification booklet includes 06 Annexes and consists 31 pages, including the cover.

4. **SCOPE**

4.1. This specification covers the technical/ manufacturing requirements of Weather Proof Jacket to be used by personnel of Pakistan Navy. It defines and lays down the quality standards, and details of materials, workmanship and finish. It also defines briefly requirement and process of sampling, testing, inspection acceptance/rejection, marking, preservation, packing and delivery etc.

4.2. The supplier/ manufacturer shall comply in every respect with the terms of this specification and ensure that the stores conform to it, in all respects.

5. **RELATED DOCUMENTS**

5.1. The standards and documents that have been referred to in this specification are:

a.	ISO 1833	Textile – Quantitative chemical analysis
b.	ISO-3801	Determination of mass per unit length and area
c.	ISO-7211/2	Determination of number of threads per unit length
d.	ISO-7211/5	Determination of linear density of yarn removed from fabric
e.	ISO-105-C03	Colour fastness to Washing test No. 3
f.	ISO-105-E02	Colour fastness to Seawater test
g.	ISO-105-X12	Colour fastness to Rubbing test
h.	ISO-105-E04	Colour fastness to Perspiration
j.	ISO 13934-01 1999	Textile- Tensile properties of fabrics (strip method)
k.	ISO 13937-01 1999	Textile- Tear properties of fabric (Elmendorf)
m.	AATCC 128-2009	Wrinkle Recovery of fabric
n.	AATCC 79-2010	Absorbency of Textiles
o.	ISO 9237:1995	Determination of permeability of fabric to air
p.	ASTM D 1230	Flammability of Apparels
q.	ISO 6330 (3A)	Domestic washing and drying procedures for textile testing
r.	BS EN ISO 12945-2	Determination of fabric propensity to surface fuzzing and to pilling
s.	BS EN ISO 12947-4	Determination of the abrasion resistance of fabrics by the Martindale

		method
t.	BS EN 25077	Determination of Dimensional Change in washing and drying
u.	ISO 3071	Determination of pH of aqueous extract
v.	AATCC 16 option 3	Colorfastness to light
w.	BS 4162	Methods of test for buttons
x.	AATCC 133	Colorfastness to hot press
y.	ASTM D 5171	Standard test method for impact resistance of plastic sew through buttons
z.	ASTM D5169	Dynamic shear strength of hook and loops touch fastener (Velcro)
a1.	ASTM D 5170	T Peel Strength of hook and loop touch fastener (Velcro)
a2.	ISO 4920	Determination of water resistance (Spray Test)
a3.	ISO 16322-3	Determination of spirality after laundering (Part 3) Woven & Knitted Garments.

6. **TERMS & DEFINITIONS**

6.1. Definitions for the terms used in this standard are given at Annex A.

7. **TECHNICAL DETAILS OF WEATHER PROOF JACKET**

7.1. The technical details of Weather Proof Jacket are given at Annex B of this specification.

8. **MANUFACTURING DETAILS OF WEATHER PROOF JACKET**

8.1. Weather Proof Jackets are manufactured as per measurement schedule and drawing at Annex C and D respectively. Sealed/Stock sample can be obtained from Director Security/DNS.

8.2. 'PAK NAVY' soft tally as per PN Specification No. 03/16 promulgated vide reference PN/MDITD/03/182399 dated 03 May 16 shall be attached above left chest pocket of weather proof jacket.

8.3. Velcro for 'PAKISTAN FLAG PATCH' as per PN Specification No. 02/2014 shall be attached as per drawing at Annex D of this specification.

8.4. Velcro for Soft Name tally as per PN Specification No. 04/14 shall be attached as per drawing at Annex D of this specification.

8.5. Jacket shall be manufactured with preshrunk fabric.

8.6. Ends of braided cord and elastic cords shall be properly fused to avoid fraying.

8.7. Eyelets shall be clinched properly and does not have any protruding edges.

8.8. The machine stitches shall be of even tension and all loose ends shall be trimmed/ fastened off.

8.9. The number of stitches for jackets shall be 7-8 per 25 cm.

8.10. The quilting shall be made with 3.5X 3.5 cm square.

8.11. Two spare buttons each for bush jacket be provided/ stitched on the garment.

8.12. Polyester Buttons used should be Mat finished, 4 holes with 19 mm dia (30) ligne with 4 mm thickness and black in colour shall be used on cuff. Buttons of 16 mm dia with 4 mm

thickness shall be used on shoulders only. The button is to be fastened with same matching black colour thread with cross sewing neatly.

8.13 Skewness/ Spirality in Woven Garment is not more than 02% \pm 0.5%.

9. **QUALITY OF WORKMANSHIP AND FINISHING**

9.1. Workmanship and finish of the Weather Proof Jacket shall be equal to the sealed sample. It shall be best of its class and fulfill all the requirements attached at Annex B of this specification or to the entire satisfaction of the Inspector. Sealed/ Approved sample is either held with DNS/ PNCSD/ CINS and the sample should be provided to CINS (if required) for comparison & guidance or accepted/approved from bulk supply if deemed appropriate.

10. **TESTING**

10.1. The material shall be subjected to tests laid down in this specification at Annex B of this specification and related documents. At least two Weather Proof Jacket will be required to complete all the tests mentioned at Annex B of this specification. The material may also be subjected to such tests which are deemed necessary by the inspection authority in order to determine their suitability. Inspecting Authority reserves the right to get any B/R samples tested from any reputable Laboratory other than PN. However, any test considered important by Inspecting Authority other than Annex B may also be conducted in order to check its suitability.

11. **TENDER SAMPLE**

11.1. Tender sample to be approved by TSR Committee.

11.2. For each contract 05 samples of Weather Proof Jacket shall be supplied by the manufacturer at the time of tendering along with samples of materials used in manufacturing of jackets for inspection as follows:

<u>S.No</u>	<u>Items</u>	<u>QTY</u>
a.	Base Cloth	3 mtrs
b.	Lining Cloth	3 mtrs
c.	Velcro Tape each type	3 mtrs
d.	Braided Cord each type	6 mtrs
e.	Sewing Thread each type	1 Tube
f.	Buttons each type	1 Dozen
g.	Barrel Cord Lock Plastic	6 Nos
h.	Zipper each type	2 Nos
j.	Snap Buttons	1 Dozen
k.	Eyelet	1 Dozen
l.	Fleece for pocket lining	2 mtrs
m.	Fabric for detectable Lining	3 mtrs
n.	Fabric Piping for detachable lining	3 mtrs
o.	Knitted Cuff	0.5 mtrs
p.	Polyester Wading	1 mtrs

12. **ADVANCE SAMPLE**

12.1. Advance sample or pre-production sample, when required, shall be submitted in accordance with terms of the contract for inspection, testing and approval by CINS. The minimum quantities required are 05 samples of Weather Proof Jackets alongwith samples of materials used in manufacturing of jackets for inspection.

12.2. Whenever Tender, Advance or pre-production sample is not required, the suppliers / manufacturer are advised in their own interest to submit to the Inspecting Officer or his representative an initial delivery of One % of the contract or ten Weather Proof Jackets, whichever are more along with samples of materials for inspection.

12.3. The approval of the sample mentioned in Para 11 & 12 authorizes the commencement of bulk production but does not relieve the suppliers/ manufactures from compliance with all the provisions of this specification. One approved sample after rectification of all observations highlighted by Inspecting Officer shall be properly sealed by INS and returned to the firm for guidance; rest of the approved sample shall be retained by INS for future use in bulk Inspection.

12.4. The Pre-production sample shall be manufactured by the manufacturer with the same facilities which will be used for manufacturing of the bulk items.

12.5. Firm shall provide advance sample along with quality verification reports of Weather Proof Jacket from an accredited laboratory to ensure in process inspection/ quality procedure of the firm.

13 **INSPECTION**

13.1. **Bulk representative sample** B/R random sampling will be carried out as per rules in vogue.

13.2. **Bulk Inspection** Bulk inspection will be carried out after satisfactory completion of Visual Examination and Testing of B/R Sample.

13.3. **Inspection of Weather Proof Jacket.** 100% of the offered store shall be inspected. The guide lines for such examination/inspection are listed at Annex E. Stage inspection of Weather Proof Jacket may be carried out as deemed appropriate by Inspection Authority.

13.4. **Inspection/ Acceptance and Rejection of Stores.** Inspection/ acceptance is to be carried out to the satisfaction of Chief Inspector Naval Stores.

13.5. The Weather Proof Jacket shall be examined for the correctness of material, shape, design, dimension, size, workmanship and finish.

13.6. All Weather Proof Jacket shall be inspected w.r.t defective shape, discoloration/ fading, pinholes, closing of Weather Proof Jacket are to be especially checked.

13.7. CINS reserves the right to reject the whole supply in case, upon examination, material or packing of any sample or portion of the consignment is found NOT CONFORMING to this specification.

13.8. If on examination of 5% of any delivery, 20% of those examined from bulk supply are found NOT CONFORMING to this specification in respect of the pattern, dimensions, workmanship and finish, the whole consignment may be rejected without any compromise.

13.9. All stores and packing NOT fully in accordance with this specification shall be rejected.

13.10. Weather Proof Jacket with defects as described in Annex E of this specification may be rejected as per decision of inspection authority.

13.11. **Responsibility for Inspection** The supplier is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. PN reserves the right to

perform any of the inspections set forth in the specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements.

13.12. **Replacement by the Contractor.** The supplier manufacture is responsible for replacement of the consignment or any part thereof whenever it is found to be not conforming to this specification. The supplies so tendered in replacement, shall be subjected to testing/Inspection and acceptance by the Inspecting Officer.

13.13. **Responsibility for Safety.** The supplier/manufacture is wholly responsible for the safety of supplies during inspection, storage at firm's premises, proper packing, dispatch and delivery up to consignee.

14. **STAMPING OF ACCEPTED/ REJECTED STORES BY THE INSPECTOR** Following instructions are to be followed:

14.1. **Stamping of Accepted Stores.** Each acceptable Weather Proof Jacket shall be stamped with Inspector's Individual Acceptance Mark. The stamping shall be legible.

14.2. **Stamping of Rejected Stores.** The rejected Weather Proof Jacket shall be marked with Inspector's Rejection Mark to avoid re-submission by the supplier.

14.3. The Inspector is the authority in all matters pertaining to inspection.

15. **SPECIAL INSTRUCTIONS**

15.1. **CARE INSTRUCTIONS** Care instructions in English and Urdu shall be attached with each Weather Proof Jacket as indicated in the drawing and have minimum requirement as follows:

- Washing procedure.
- Drying procedure.
- Any Prohibition.

16. **PACKING DETAILS**

16.1. The store when ordered to be delivered 'PACKED' shall be packed as per following instructions:

- Each Jacket shall be properly folded length wise.
- The Weather Proof Jackets shall be packed in a neat, dry and clean condition in polyethylene bag of suitable size.
- 05 Weather Proof Jackets shall be further packed in a thick Boxboard/Flouring.
- Each Box Board packing shall be securely and properly packed.
- Each box board shall consist of same size.

17. **IDENTIFICATION LABEL**

17.1. Each Weather Proof Jacket shall bear following minimum information attached with Weather Proof Jacket:

- a. Item name/ item description with NSN/Pattern No.
- b. Material Composition.
- c. Contract number and Date.
- d. Year of manufacture.
- e. Contractor's name, initials, or trade mark.
- f. Batch no.

18 **PACKING LIST**

18.1. Firm is bound to provide a packing list of store offered for inspection alongwith the challan, which include complete details about the store i.e Pattern No., Description of Store, size, quantity, contract no, and date, challan no. and date. A packing list shall be enclosed after completion of inspection with each packed box giving full details about the stores packed i.e. Pattern No., description of stores, size, quantity, contract no, and date, I/Note no. or voucher no. and date, consignee, firm's name, Date of packing and packer's signature.

19. **MARKING OF STORES**

19.1. In addition to any special marking required by contract or order, the marking of packages shall be stenciled with quick drying Black ink/ Paint in accordance with Specification No. NS/MISC/002/80 with clearly defined characters as described below:

a. On Front and Top

- (1) Consignee Address.
- (2) Contract No and date.
- (3) Description of Stores Packed and NSN/Patt no.
- (4) Quantity of the Item packed.

b. On Back

- (1) Manufacturers name / Firm's name.
- (2) Voucher No. or inspection note no. and date.
- (3) The No. of individual Package and the total No of Packages in the consignment joined by the word 'of 'e.g. 2 of 300.
- (4) Weight of the package.
- (5) Month and year of packing.

20. **DELIVERY**

20.1 The consignment of store will be delivered in accordance with the terms of contract.

20.2 The store shall be delivered in Brand new, clean and dry condition.

20.3 The contractor / manufacturer is fully responsible for the safety of the supplies during inspection, storage at firms premises proper packing, dispatch and delivery up to consignee.

ASIF ALI PIRZADA
Commander Pakistan Navy
DID

Annexes:

- A. Terms & Definitions
- B. Technical Details of Weather Proof Jackets
- C. Measurements and Dimensions
- D. Drawings of Weather Proof Jackets
- E. Guidelines for Inspection –General Defects
- F. Feed Back Form

Distribution:

DP (N)

CINS

DNS

CO PNCSD

ANNEX A TO
PN SPECIFICATION NO. 05/2019
PROMULGATION DATE 17 July 2019

TERMS & DEFINITIONS

1. **Inspection Authority**. Chief Inspector of Naval Stores (CINS). His verdict in respect of inspection matters is to be taken as final.
2. **Inspecting Officer**. An officer nominated by the Chief Inspector of Naval Stores (CINS) for carrying out inspection of stores supplied by the supplier, against a specified contract or order, in accordance with the particulars stipulated therein.
3. **Inspector**. The term inspector shall include the "Inspection Authority", inspecting officer and their representatives, duly authorized for the purpose of discharging inspection duties involved.
4. **Sealed Pattern**. It denotes a pattern which is signed and sealed by DNS/ CO PNCSD/ Inspection Authority & held in his custody of CO PN CSD/CINS, and represents the standard of store in respect of materials, dimensions, design, workmanship and finish, etc. There are two sealed pattern for each store, which cannot be removed from custody of the Inspection Authority.

ANNEX B TO
PN SPECIFICATION NO. 05/2019
PROMULGATION DATE 17 July 2019

TECHNICAL DETAILS OF WEATHER PROOF JACKETS

S NO	ITEM	REQUIREMENT	
BASE FABRIC MATERIAL SPECIFICATION (RIBBED CAMOUFLAGE CLOTH)			
1.	Material	For SSG(N)/ Pak Marines	GSDC Dress 4B
		60% Cotton 40% Polyester	100% Cotton
2.	Count of Yarn	Warp Weft	20 ^s ± 2 (29.5 ± 2 Tex) 16 ^s ± 2 (37 ± 2 Tex) Ring spun Combed yarn shall be used
3.	Threads per Inch	Warp Weft	123 ± 5 63 ± 5
4.	Color Scheme	As per Appendix I	
5.	Weave Pattern	Twill weave 2/1 + Rip Stop	
6.	Threads /Rib	Warp	2 each single
7.	Size of Rib	Weft	2 each single
		Warp	6mm±1mm
		Weft	6mm±1mm
		8. Weight (gm/sq.mtr)	
9.	Finish	Mercerize and sanforize	
10.	Nature of Dye Ground	Dye	Vat Disperse
		Print	Vat Disperse
			Vat
			Vat
11.	Camouflage Design Pattern	As per Appendix II	
BASE FABRIC MATERIAL SPECIFICATION (PNP CLOTH)			
1.	Material	60 % Cotton 40 % Polyester	
2.	Count of Yarn	Warp	20 ^s ± 2 (29.5 ± 2 Tex)
		Weft	16 ^s ± 2 (37 ± 2 Tex) Ring spun Combed yarn shall be used
3.	Threads per Inch	Warp	123 ±5
		Weft	63 ±5
4.	Color Scheme	As per Appendix I	
5.	Weave Pattern	3 X 1 (Twill)	
6.	Weight (gm/sq.mtr)	245 gm ± 2%	
7.	Finish	Mercerize and sanforize	
8.	Nature of Dye	Vat Disperse	

BASE FABRIC PERFORMANCE TESTING		
1.	Color fastness to washing (Test No. 3) a. Change in Shade b. Staining	GS: 4 or better GS: 4 or better
2.	Color Fastness to Rubbing (Dry) Staining	GS: 4 or better (for black only $\frac{3}{4}$ or better)
3.	Color Fastness to Rubbing (Wet) Staining	GS: $\frac{3}{4}$ or better (for black only 3 or better)
4.	Color Fastness to light Change in Shade	GS: 4 or better
5.	Color Fastness to perspiration a. Change in Shade b. Staining	GS: 4 or better GS: 4 or better
6.	Color Fastness to Sea Water a. Change in Shade b. Staining	GS: 4 or better GS: 4 or better
7.	Breaking strength in N (10.2 cm x 20 cm BG) Warp Weft	 1000 \pm 5% 800 \pm 5%
8.	Tear Strength(N) Warp Weft	 44 \pm 5% 48 \pm 5%
9.	Flammability	Class1 Flame spread time \geq 3.5 sec
10.	Dimensional Stability test after 3 HL 40°C Warp Weft	 \pm 2% \pm 2%
11.	Wrinkle recovery	Minimum 2
12.	Crease recovery	150° \pm 3%
13.	Appearance after 5-10 washes (3A) with tumble dry	Satisfactory
14.	Pilling resistance after 5000 cycles	Grade 4
15.	Abrasion resistance after 6000 cycles	No thread break
16.	pH level	6-8
17.	Water repellency	Class IV or better
LINING FABRIC MATERIAL SPECIFICATION (For Inner Lining of Jacket)		
1.	Blend Composition a. Cotton b. Polyester	50 % \pm 3 50 % \pm 3
2.	Thread per 25 mm a. Warp b. Weft	136 \pm 2 72 \pm 2
3.	Count of Yarn a. Warp b. Weft	15 Tex \pm 1

		72 Tex \pm 1
4.	Weave	Plain
5.	Wt per sq mtr	130 g \pm 10 g
6.	Nature of Dye	Vat/ Disperse
7.	Width (excl Selvage)	141 cm
8.	Shade	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
LINNING FABRIC PERFORMANCE TESTING		
1.	Shrinkage a. Warp b. Weft	1.5 % \pm 1 Max 1.5 % \pm 1 Max
2.	BS (10.2 X 16.8 cm BG) a. Warp b. Weft	140 Kg \pm 10 Kg 60 Kg \pm 5 Kg
3.	Washing Test – 3 a. Change in Shade b. Staining	GS No -4 or better GS No -4 or better
4.	Perspiration Test (Acid & Alkaline) a. Change in Shade b. Staining	GS No -4 or better GS No -4 or better
5.	Scouring Loss %	1%
POLYESTER FABRIC (Base Cloth for Wadding liner)		
1.	Material	100% Polyester
2.	Wt/Sq mtr	55 g \pm 3 g
3.	Thread /25mm a. Warp b. Weft	106 \pm 2 No 82 \pm 2 No
4.	Linear Density a. Warp b. Weft	70 \pm 5 Den 70 \pm 5 Den
5.	Shrinkage a. Warp b. Weft	1.5 % Max 1.5 % Max
6.	Breaking Strength (10.2 x 16.8 cm BG) a. Warp b. Weft	100 Kg \pm 5 Kg 80 Kg \pm 5 Kg
7.	Washing Test No -3 a. Change in Shade b. Staining	GS No 4 – or better GS No 4 – or better
8.	Perspiration test (acid / alkaline) a. Change in Shade b. Staining	GS No 4 – or better GS No 4 – or better
9.	Nature of Dye	Disperse
10.	Shade	Light grey Pantone # 15-4003 TCX for No. 4B

		Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
11.	Weave	Plain
FILLING /WADDING MATERIAL SPECIFICATION (For insulating Material of Liner)		
1.	Material	100 % Polyester
2.	Weight per sq meter(gms)	200 gms
3.	Thickness at 300 g Load	2.4 mm \pm 0.2 mm
CLOTH LINING For piping of wading liner		
1.	Width (Excluding selvedge)	141 cm
2.	Wt/ Sq mtr	130 g \pm 10g
3.	Thread /25mm a. Warp b. Weft	136 g \pm 10g 72 \pm 2 No
4.	Count of Yarn a. Warp b. Weft	15 Tex \pm 1 15 Tex \pm 1
5.	Shrinkage a. Warp b. Weft	1.5 % Max 1.5 % Max
6.	Breaking Strength (10.2 x 16.8 cm BG) a. Warp b. Weft	140 Kg \pm 10 Kg 60 Kg \pm 5 Kg
7.	Washing test no-3 a. Change in shade b. Staining	GS No – 4 better GS No – 4 better
8.	Perspiration Test (Acid / Alkaline) a. Change in Shade b. Staining	GS No – or better GS No – or better
9.	Nature of Dye	Vat/ Disperse
11.	Blending Composition a. Cotton b. Polyester	50% \pm 3 50% \pm 3
12.	Shade	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)

13.	Weave	Plain
<u>CUT ZIPPER NYLON COIL (YKK BRAND) SMALL NO 5</u> For attachment of lining sleeve		
1.	Material of teeth	Nylon
2.	Teeth Shape	Coil
3.	Performance	Satisfactory
4.	Shade	Matching with lining fabric
5.	Material of Tape	Polyester
6.	Slider of Zipper a. Material b. Nature of coating	Dia-cast Zinc Alloy Painted
<u>KNITTED CUFF</u>		
1.	Blending Composition 1. Cotton 2. Polyester	85% \pm 3 15% \pm 3
2.	Count of Yarn 1 Cotton 2 Splicing	50 Tex \pm 2 Tex 80 Den \pm 5 Den
3.	Wt/ sq mtr	630 g \pm 10 g
4.	No of Needles	168
5.	Shade	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
6.	Dye a. Cotton b. Polyester	Vat/ Reactive Disperse
7.	Shrinkage a. Warp b. Weft	2% max 2% max
8.	Washing Test No. 3 a. Change in Shade b. Staining	GS – 4 or better GS – 4 or better
9.	Perspiration Test (Acid/ Alkaline) Change in Shade Staining	GS – 4 or better GS – 4 or better

ZIPPER MATERIAL SPECIFICATION OF FRONT OPENING		
1.	Tape Material	100 % Polyester
2.	Color	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
3.	Elements	POM (Polyoxymethylene) Chips
4.	Zipper parts (top stop and open parts)	POM (Polyoxymethylene) Chips
5.	Zipper parts (slider)	Zinc Alloy (Zn: 93 %, Al:4 %, Cu: 3%)
ZIPPER FRONT OPENING PERFORMANCE TESTING		
1.	Operating force (N)	6.9 N (Max)
2.	Cross wise (N)	350 N (Min)
3.	Element Slippage	45 N (Min)
4.	Element Pull off	45 N (Min)
5.	Folded Cross wise (N)	100 N (Min)
6.	Top Stop Strength	70 N (Min)
7.	Separating unit Cross wise Strength	80 N (Min)
8.	Slider Lock Strength	40 N (Min)
9.	Slider Strength 90°/45°	180 N (Min)
10.	Durability	500 cycles
ZIPPER MATERIAL SPECIFICATION OF HOOD		
1.	Tape Material	100% Polyester
2.	Color	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
3.	Coil Chain	PET
4.	Zipper parts (top stop and open parts)	Brass (Cu: 80%, Zn 10%, Mn: 10%)
5.	Zipper parts (slider)	Zinc Alloy (Zn: 93 %, Al: 4 %, Cu: 3%)
ZIPPER HOOD PERFORMANCE TESTING		
1.	Operating force (N) ASTM D2062	6.9 N (Max)
2.	Cross wise (N) ASTM D 2061	600 N (Min)
3.	Folded Cross wise (N) ASTM D 2061	350 N (Min)
4.	Top Stop Strength ASTM D 2061	100 N (Min)
5.	Separating unit Cross wise Strength	80 N (Min)
6.	Slider Lock Strength ASTM D 2061	40 N (Min)
7.	Slider Strength 90°/45°ASTM D 2061	180 N (Min)
8.	Durability	500 cycles

SNAP BUTTON MATERIAL SPECIFICATION		
1.	Material	Brass
SNAP BUTTON PERFORMANCE TESTING		
1.	Visual	No Sharp point or edges
2.	Resistance to corrosion ASTM B117 G85	No corrosion or visual change
3.	Attachment Strength ASTM PS 79	15 Lbs for 10 Sec
4.	Operability (Open/ Close) ASTM D4846	2.0-5.0Lbs
5.	Appearance after laundering	No Chipping, Cracking, Paint Loss, Color transfer
BRAIDED CORD MATERIAL SPECIFICATION (Waist adjustment)		
1.	Material Outer Inner	Polyester Rubber
2.	Thickness	6 mm
3.	Color	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
4.	Circumference	3.5 mm
5.	Wt /Liner Mtr	8.5g ± 0.5g
6.	Construction a. Braided b. Core	17 ± 1 each multifilament 30 ± 1
7.	Nature of Dye	Disperse
BRAIDED CORD PERFORMANCE TESTING		
1.	Breaking Strength in kg at 250 mm BG	Does not break at 45 kg
2.	Washing Test No – 3 a. Change in Shade b. Staining	GS No -4 or better GS No -4 or better
BRAIDED CORD (Hood)		
1.	Circumference	3.5 mm
2.	Wt/ Linear mtr	4 g ± 0.5 g
3.	Material	Polyester
4.	Construction	4 braided yarn
5.	Colour	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
6.	Nature of Dye	Disperse
CARE LABEL MATERIAL SPECIFICATION		
1.	Material	Polyester with visible printing which remain satisfactory after washing test.

2.	Shade	Nearest to ground fabric color
<u>VELCRO TAPE MATERIAL SPECIFICATION</u>		
1.	Material Male Female	Nylon Nylon
2.	Colour	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
<u>VELCRO TAPE PERFORMANCE TESTING</u>		
1.	1. Before sticking / unsticking 300 times at 300 g.	Satisfactory
	2. After sticking / unsticking 300 times at 300g.	Satisfactory
2.	Peel Strength (lbs per in width)	1.5
3.	Shear strength(PSI)	10
<u>BUTTONS</u> (for shoulder strips and cuff)		
1	Material	Plastic
2.	Color	Black Pantone # 19-4006 TCX
<u>BUTTON PREFORMANCE TESTING</u>		
1.	Color fastness to water	GS 4 or better
2.	Pull test at 90 N	No crack, chips or breakage No structural failure No center break out
3.	Impact resistance	No crack, chips or breakage
4.	Color fastness to heat (hot pressing)	GS 4
5.	Appearance after washing	No color transfer on fabric
<u>BUTTON PLASTIC (4 HOLE)</u> (For adjustment of Liner)		
1.	Material	Polyester
2.	Shade	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
3.	Size (Dia)	15 mm

4.	Specific Gravity	1.2
5.	Color fastness to water	GS 4 or better
6.	Pull test at 90 N	No crack, chips or breakage No structural failure No center break out
7.	Impact resistance	No crack, chips or breakage
8.	Color fastness to heat (hot pressing)	GS 4
9.	Appearance after washing	No color transfer on fabric

BARREL CORD LOCK PLASTIC (elastic cord and braided cord)

1.	Material	Plastic (Acetal)
2.	Density	1.62 gm/ cc \pm 0.1 gm/ cc
3.	Colour	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
4.	Weight	2.3 g \pm 0.1 g
5.	Spring	Zinc plated

EYELET BRASS 10 MM (hood and waist)

1.	Material	Brass
2.	Composition (%age) a. Copper b. Zinc	63% \pm 3 37% \pm 3
3.	Colour/ Finish	Matching Antique Dull finish Anodized
4.	Gauge a. Eyelet b. Washer	0.20 mm \pm 0.02 mm 0.20 mm \pm 0.02 mm
5.	Wt/ 5000 a. Eyelet b. Washer	1840 g \pm 25 g 1330 g \pm 25 g
6.	Dimension Outer dia Inner dia	10 mm 5 mm

FLEECE (Lining of Pocket)

1.	Material	Polyester
2.	Wt/ sq mtr	225 \pm 10 g
3.	Colour	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)
4.	No of Course / 25.4 mm	32 \pm 1
5.	No of Wales/ 25.4 mm	25 \pm 1
6.	Shrinkage % age a. Length	1.0% (Max)

	b. Width	1.0% (Max)		
SEWING THREAD POLYESTER (For stitching/ Overlocking/ quilting)		QUILTING (TOP/ BOTTOM)		STITCHING/ OVER LOCKING
1.	Construction	2 Cord Each single		
2.	Material	Polyester	Polyester	Polyester
3.	Count of Yarn	2/126 Den \pm	2/12.9 Tex	2/31.5 Tex \pm
		10 Den	\pm 1 Tex	1 Tex
4.	B.S (24' BG)	1.0 Kg \pm 100 g	0.80 Kg \pm 100 g	2.20 Kg \pm 250 g
5.	Shade	Light grey Pantone # 15-4003 TCX for No. 4B Khaki Pantone # 16-0726 TCX for PNP Green Pantone # 19-0315 TCX for Pak Marines Olive Green Pantone # 17-0620 TCX for SSG (N)		
6.	Balance of Twist	2/3		
7.	Direction of Twist	S/Z		
8.	Washing test No. 3 Change in Shade Staining on Cotton	GS No.4 or better GS No.4 or better		
9.	Light Fastness	Class – IV or better		
10.	Nature of Dye	Disperse Dye		
11.	Hot Iron Test	Should not affect on shade/ strength		

Appendices:

- I. COLOR SCHEME OF WEATHER PROOF JACKET
- II. CAMOUFLAGE DESIGN PATTERN OF DRESS NO. 4B, PAK MARINES AND SSG (N)

APPENDIX I TO ANNEX B TO
PN SPECIFICATION NO. 05/2019
PROMULGATION DATE 17 July 2019

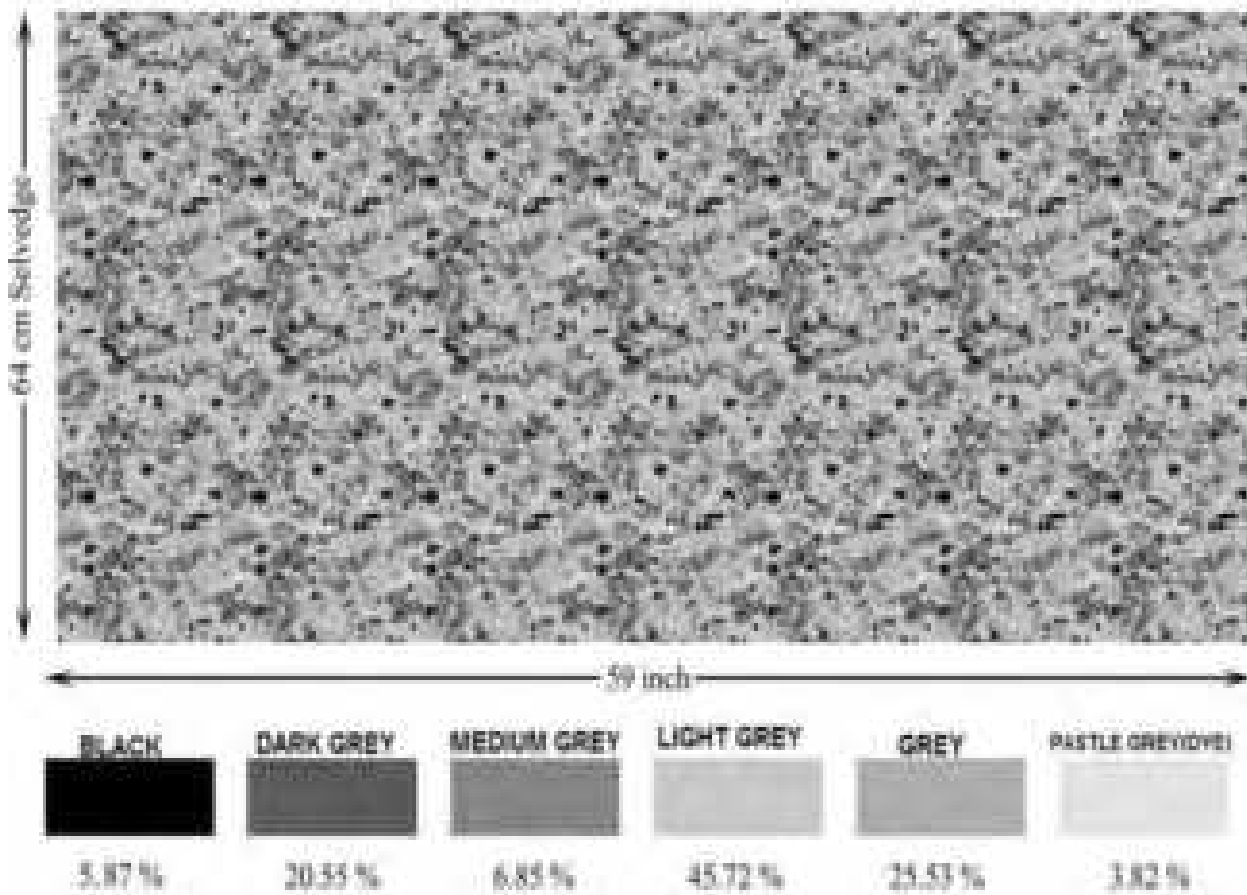
COLOR SCHEME OF WEATHER PROOF JACKET

FOR GSDC (NO. 4B)	Black Dark Grey Medium grey Light grey Grey Pastel Grey	Pantone # 19-1101 TCX Pantone # 18-5203 TCX Pantone # 17-4405 TCX Pantone # 15-4003 TCX Pantone # 16-4702 TCX Pantone # 13-4303 TCX
PAK MARINES	Navy Blue Dark Brown Light Brown Khaki Green Beige (Dye)	Pantone # 19-4027 TCX Pantone # 19-0814 TCX Pantone # 18-0930 TCX Pantone # 16-0518 TCX Pantone # 19-0315 TCX Pantone # 14-0216 TCX
PNP	Khaki	Pantone # 16-0726 TCX
SSG (N)	Black Brown Green Olive Green	Pantone # 19-1101 TCX Pantone # 19-1121 TCX Pantone # 19-0315 TCX Pantone # 17-0620 TCX

APPENDIX II TO ANNEX B TO
PN SPECIFICATION NO. 05/2019
PROMULGATION DATE 17 July 2019

CAMOUFLAGE DESIGN/ PATTERN OF DRESS NO. 4B

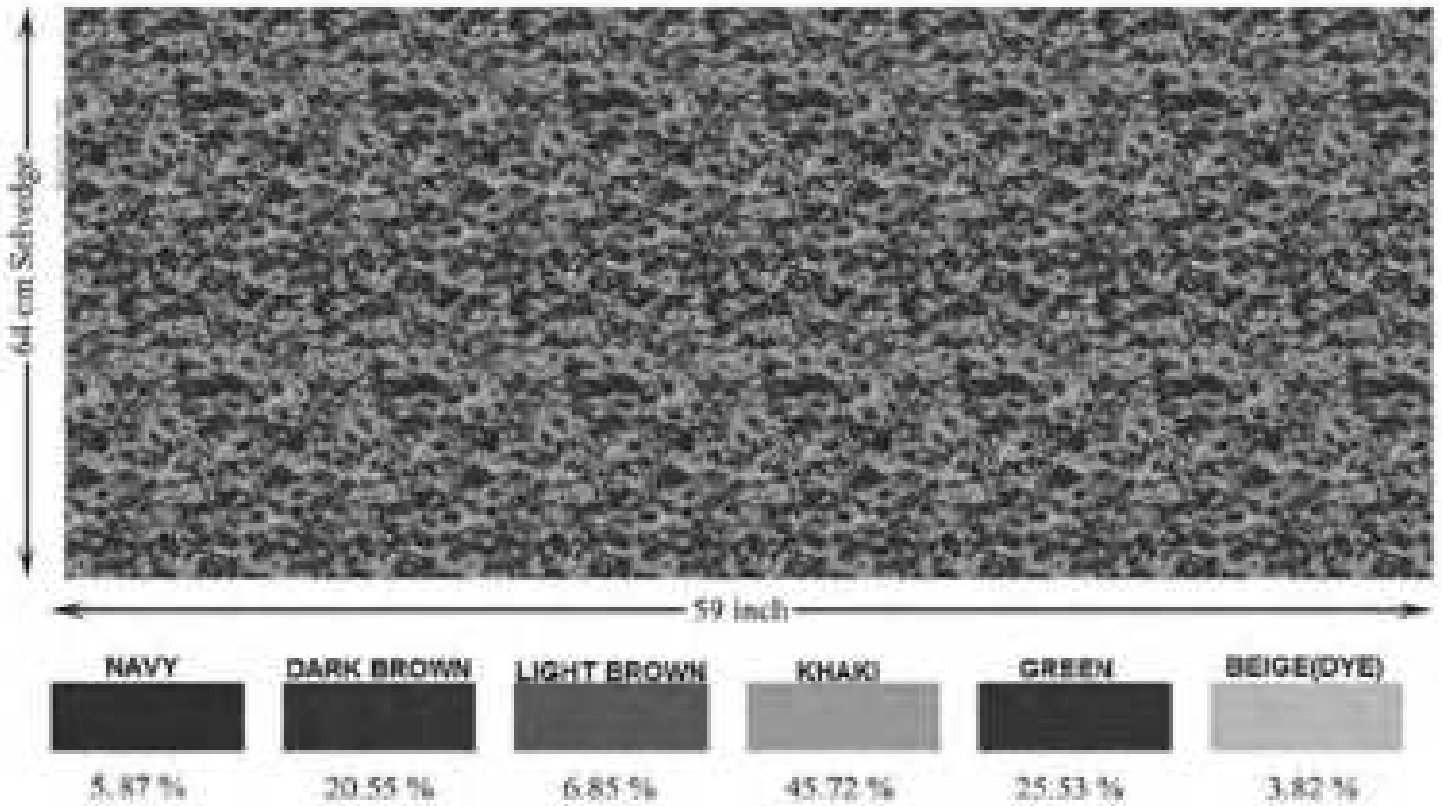
4B Pixilated Camo



APPENDIX III TO ANNEX B TO
PN SPECIFICATION NO. 05/2019
PROMULGATION DATE 17 July 2019

CAMOUFLAGE DESIGN/ PATTERN OF DRESS PAK MARINES

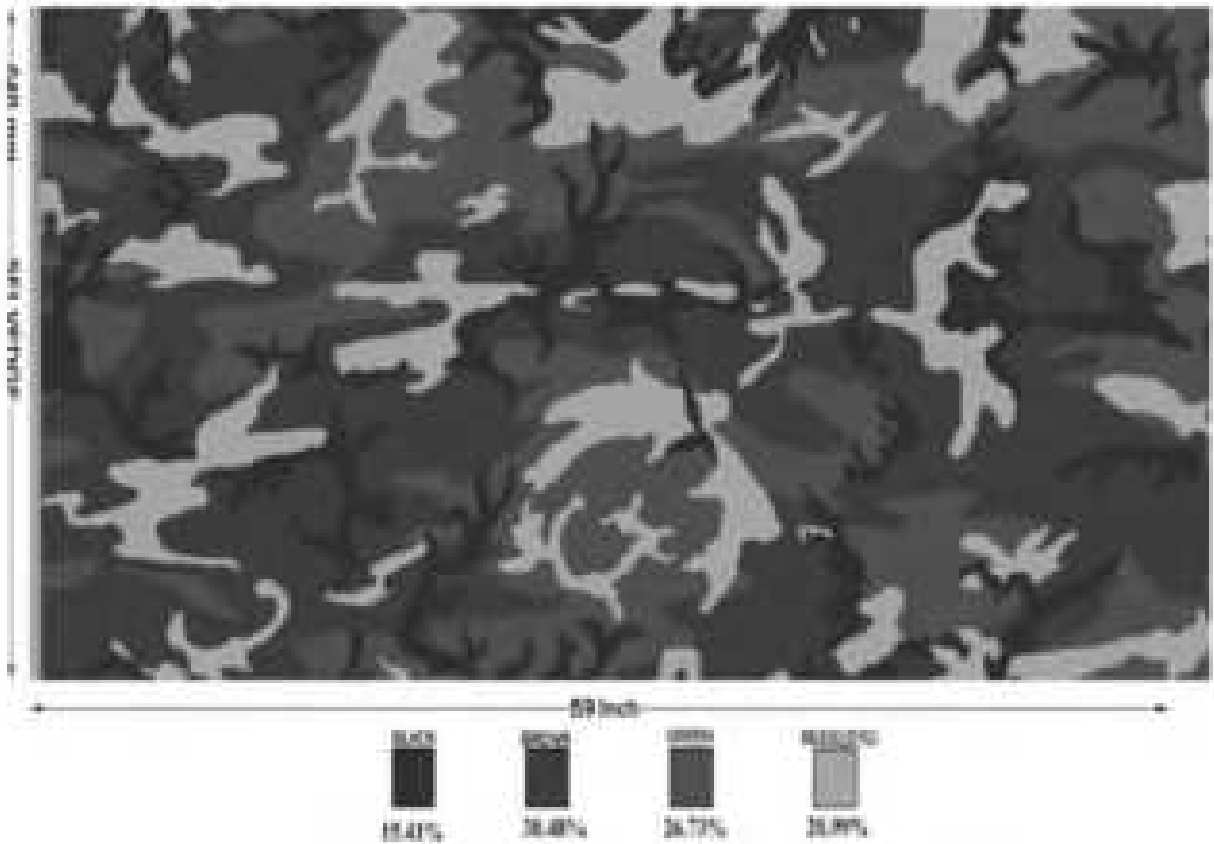
Marine Pixilated Camo



APPENDIX IV TO ANNEX B TO
PN SPECIFICATION NO. 05/2019
PROMULGATION DATE 17 July 2019

CAMOUFLAGE DESIGN/ PATTERN OF DRESS SSG (N)

DESIGN: SSG COMMANDOS



ANNEX C TO
PN SPECIFICATION NO. 05/2019
PROMULGATION DATE 17 JULY 2019

MEASUREMENTS AND DIMENSIONS OF WEATHER PROOF JACKETS

WEATHER PROOF JACKET										
S.No	DESCRIPTIONS	SIZE (in)								
	Sizes	S	M	L	X L	2XL	3XL	4XL	5XL	6XL
A.	Length HPS	31	31.5	32	34	34	35	35	35	35
B.	Shoulder	19	19.5	20	20.5	21	21.5	22	22.5	23
C.	Sleeves length	23	23	24	26	26	26	26	26	26
D.	Chest	23.5	24	24.5	25	25.5	26	26.5	27	27.5
E.	Waist	Adjustable Tape/ Draw String								
F.	Bottom	23.5	24	24.5	25	25.5	26	26.5	27	27.5
G.	Arm hole	12	12	12.5	12.5	13	13	13.5	13.5	14
H.	Collar	21	21	21.5	21.5	22	22	22.5	22.5	23
J	Cuff	7	7	7.5	7.5	7.5	7.5	7.5	7.5	7.5
K	Shoulder to Pocket distance	9	9	9	9	9	9	9	9	9
L	Shoulder Flap	6.5	6.5	6.75	6.75	7	7	7.25	7.25	7.5
INNER JACKET SPECIFICATION										
a.	Length HPS	29	29	29	31	31	32	32	32	32
b.	Shoulder	19	19.5	20	20.5	21	21.5	22	22.5	23
c.	Sleeves without rib	20.5	20.5	21.5	23.5	23.5	24	24	24	24
d.	Chest	23.5	24	24.5	25	25.5	26	26.5	27	27.5
e.	Waist	Not Applicable								
f.	Bottom	23.5	24	24.5	25	25.5	26	26.5	27	27.5
g.	Arm hole	11.75	11.75	12	12	12.75	12.75	13	13	13.75
h.	Neck width	7	7	7.5	7.5	8	8	8.5	8.5	9

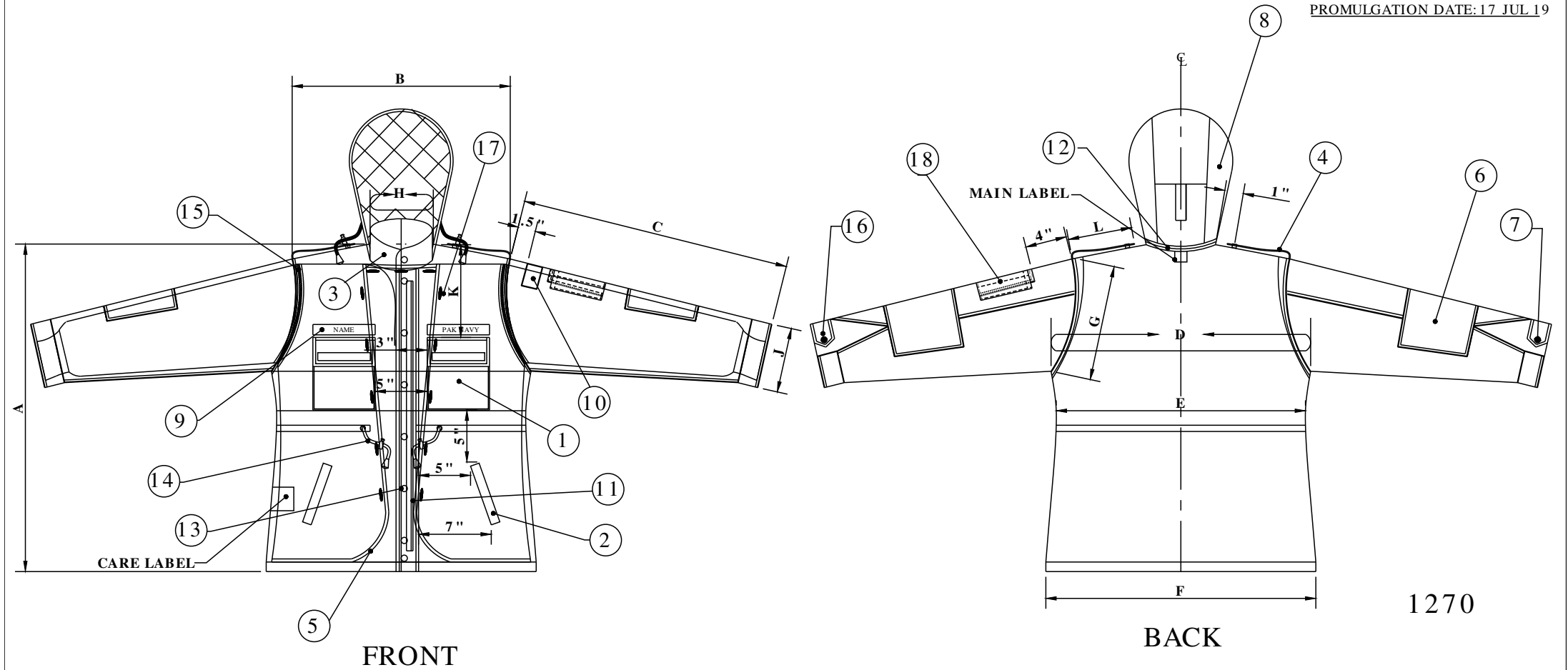
Tolerance: ± 0.5”

MEASUREMENTS AND DIMENSIONS OF ZIPPER FOR FRONT OPENING

S.No	DESCRIPTION	STD VALUES (mm)	TOLERANCES
a.	Chain Width	5.70	± 0.14
b.	Chain Thickness	2.58	± 0.08
c.	Element Head	2.08	± 0.08
d.	Element Pitch	3.48	± 0.03
e.	Thickness of Retainer Pin	2.65	+0.05,-0.1
f.	Thickness of Separable Pin	2.65	+0.05,-0.1
g.	Top Stop Thickness	2.58	± 0.08
h.	Total chain width	29.5	+2.00
j.	Exposed tape width	12.0	+1.00

MEASUREMENTS AND DIMENSIONS OF ZIPPER FOR HOOD

S.No	DESCRIPTIONS	STD VALUES(mm)	TOLERANCES
a.	Chain Width	6.45	+0.15,-0.12
b.	Chain Thickness	2.62	+0.13,-0.10
c.	Element Head	1.35	+0.07,-0.05
d.	Element Pitch	1.78	± 0.03
e.	Element length	4.06	± 0.06
f.	Element width	2.10	± 0.05
g.	Thickness of Retainer Pin	2.20	± 0.05
h.	Thickness of Separable Pin	2.20	± 0.05
j.	Top Stop Thickness	2.90	± 0.15
k.	Total chain width	32.0	+2.00
m.	Exposed tape width	12.8	+1.00



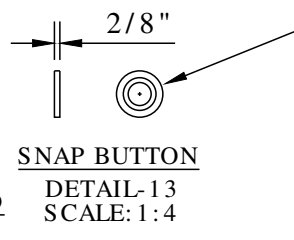
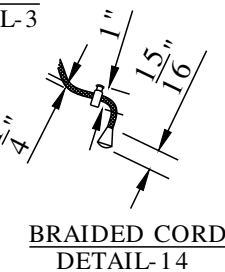
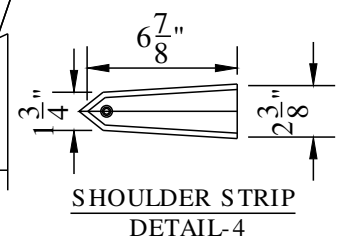
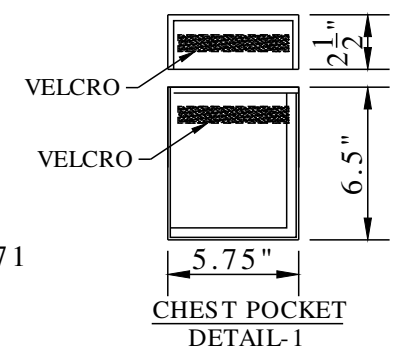
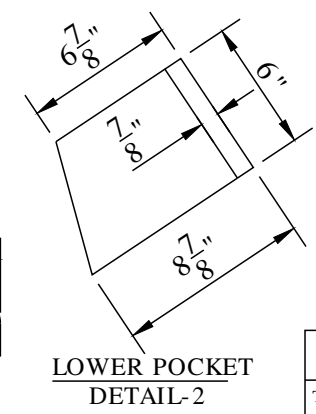
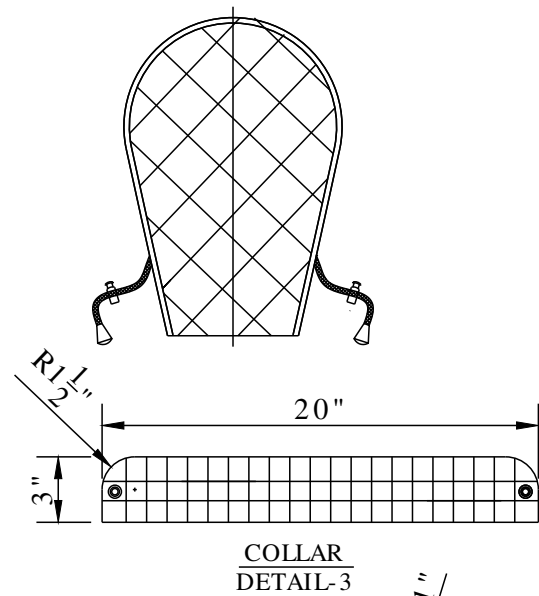
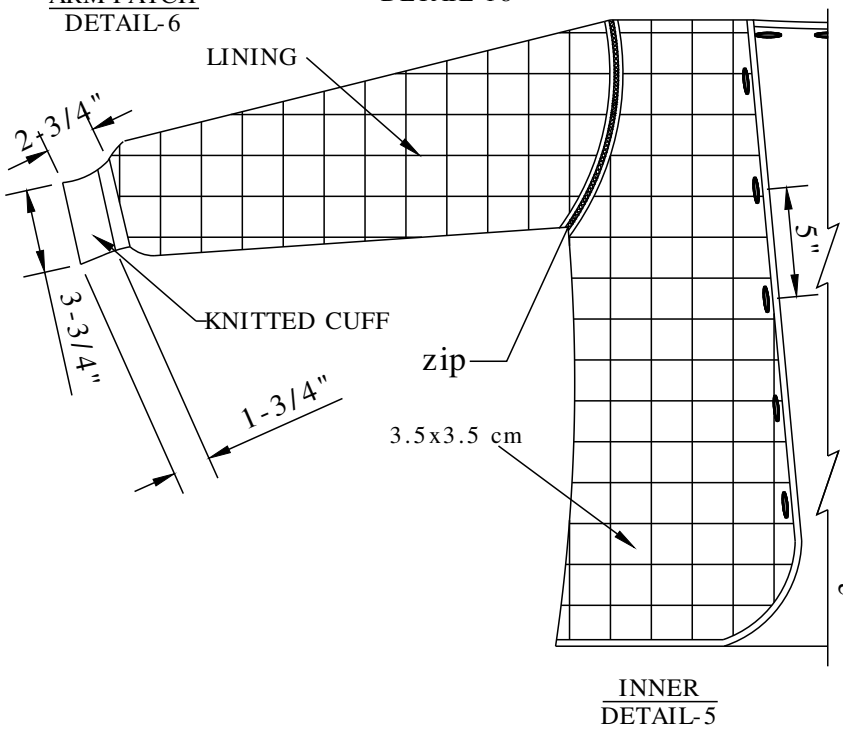
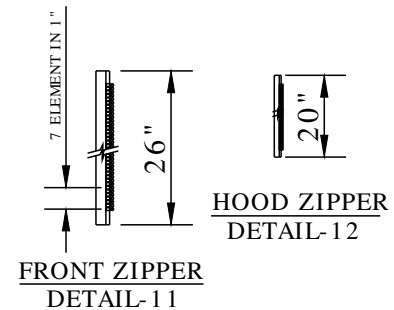
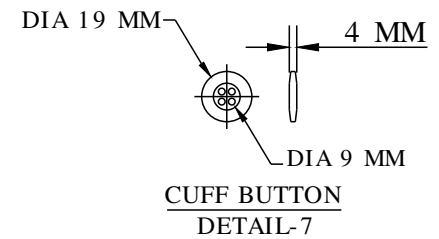
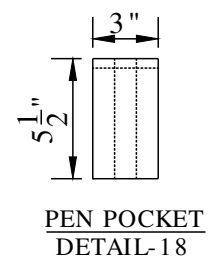
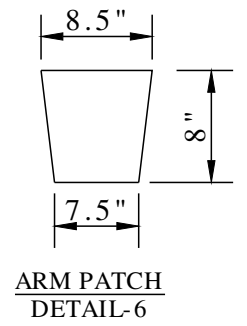
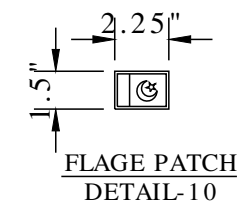
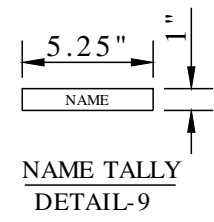
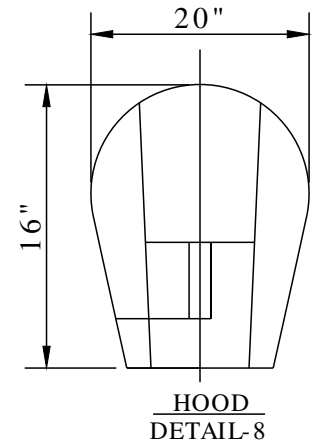
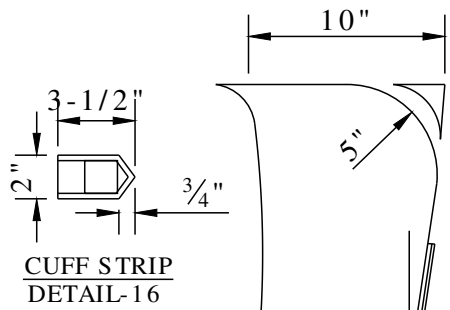
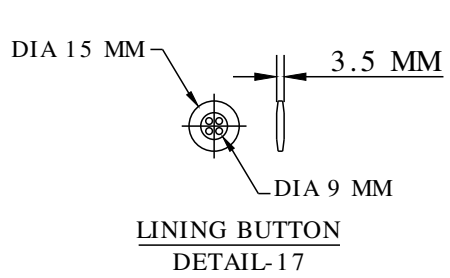
1270

NOTE:
 FOR FURTHER DETAILS SEE SEALED STOCK SAMPLE.

S.NO	ITEM	QTY	S.NO	ITEM	QTY	DESCRIPTION
18	PEN POCKET	01	12	HOOD ZIPPER	01	L SHOULDER FLAP
17	LINING BUTTON	13	11	FRONT ZIPPER	01	K SHOULDER TO POCKET DISTANCE
16	CUFF STRIP	02	10	FLAG PATCH	01	J CUFF
15	SLEEVE ZIPPER	02	9	NAME TALLY	02	H COLLAR
14	BRAIDED CORD	01	8	HOOD	01	G ARM HOLE
13	SNAP BUTTON	07	7	CUFF BUTTON	02	F BOTTOM
			6	ARM PATCH	02	E WAIST
			5	INNER	01	D CHEST
			4	SHOULDER FLAP	02	C SLEEVE LENGTH
			3	COLLAR	01	B SHOULDER
			2	LOWER POCKET	02	A LENGTH
			1	CHEST POCKET	02	

DITD KARACHI		
TITLE: WEATHER PROOF JACKET (MAIN BODY)		
DWG.NO. TD-2463/2019	DIMENSIONS: INCHES	
DATE: 11-06-2019	SCALE: 1:12	
DRAWN BY --SD--	CHECKED BY --SD--	APPROVED BY --SD--
H.D/M M.ASGHAR I/c DWG.	LT SANA KANWAL KHAN SO TEX	CDR ASIF ALI PIRZADA DID

ANNEX D TO
 PN SPECIFICATION NO.05/2019
 PROMULGATION DATE: 17 JUL 19



1271

DITD KARACHI			
TITLE: WEATHER PROOF JACKET (SMALL PARTS)			
DWG.NO.	TD-2379/2017	DIMENSIONS: INCHES	
DATE:	14-02-2017	SCALE: 1:12	
DRAWN BY	--SD--	CHECKED BY	--SD--
H.D/M	M.ASGHAR 1/c DWG.	APPROVED BY	--SD--
	LT SANA KANWAL KHAN SO TEX	CDR ASIF ALI PIRZADA DID	

GUIDELINES FOR INSPECTION – GENERAL DEFECTS

Defect	
1.	<u>Material Defect and Workmanship Damages</u> <ul style="list-style-type: none">a. Any hole, scissor or knife tear, mend, burn or weakening defect, such as smash, multiple float, loose slub, or needle chews, that might develop in to hole.b. Cloth stiffened, hardened, or seared by heat, where thermo activated dyes are used.c. Any garment portion puckered, twisted, or pleated at joining seam.
2.	<u>Shaded Parts</u> <ul style="list-style-type: none">a. Any part shaded or any shade bar.
3.	<u>Colour</u> <ul style="list-style-type: none">a. Any component of not specified colour.
4.	<u>Cleanliness</u> <ul style="list-style-type: none">a. Any slub, spot, or stain on outer side.b. Weather Proof Jackets ends not trimmed or loose thread Proof Jackets ends not removed (to be scored only when condition exists on major portion of garment).c. Any shade identification stamping visible on outer side.
5.	<u>Component and Assembly</u> <ul style="list-style-type: none">a. Any component not as specified or any defect of component or defect of assembly not herein classified.b. Any component, component part, or required operation omitted or any other operation improperly performed not herein specified/ classified.c. Missing Labels.d. Packing not as specified.
6.	<u>Seams and Stitching</u> <ul style="list-style-type: none">a. Any seam twisted, puckered, or pleated (unless otherwise classified herein)

- b. Any part of Jacket caught in unrelated operation or stitching.
- c. Any edge not properly forced out, i.e, having fold more than specified.
- d. Ends of stitching that are not caught in other seam or stitching not securely tacked.
- e. Ends of seams or stitches that are not caught in other seams or stitching secured but backstitched for distance less than specified.
- f. Threads breaks not securely overstitched
- g. Stitching tension tight resulting in breakage of stitches when normal pull is applied.
- h. Stitching per 20 mm on major portion of seam one or two stitches less than specified, except on labels.
- j. Stitches per 20 mm on major portion of seam more than three stitches more or less than specified.
- k. Any bar tacks omitted, loose, misplaced or not serving intended purpose.
- l. Three or more bar tacks missing, loose, misplaced, or not serving intended purpose on multiple pencil compartment pocket.
- p. Stitch tension loose resulting in loose seam.

RESTRICTED



PRIORITY

DID
OFFICE OF NRDI (ITD
WING)

PN/DID/03/13839508

58455

See Distribution

28 June 2022

AMENDMENT IN PN SPECIFICATION NO 03/2018: DRESS PAK MARINES (60 PERCENT COTTON AND 40 PERCENT POLYESTER)

Reference:

A. PN/NS Dte/03/3799143 dated: 23 Jun 2022

It is intimated that proposed amendments in PN Specifications 03/2018 for Dress Pak Marines (60% Cotton and 40% Polyester) have been approved by NHQ (NS Dte) vide Reference above. Same are enclosed and hereby promulgated for further necessary action, please.

MUHAMMAD AFSAR
Capt PN
DID

Encls:

1. Amendments in PN Specifications 03/2018

Distribution:

External:

Action:

NS Dte
Attn: DONG II

RESTRICTED

ANNEX B TO
PN SPECIFICATION NO.03.2018
PROMULGATION DATE 26 April 2018

**AMENDMENTS IN PN SPECIFICATION 03/2018
DRESS PAK MARINES 60% COTTON - 40% POLYESTER
MANUFACTURING DETAILS OF DIGITAL CAMOUFLAGE**

FOR:

Article No	Page No	ITEM
4.	14	In Bush jacket metallic air vents are placed at arm pits both side front and back and two in upper and lower side of each back pleat. Outer dia is 11mm and inner dia is 4.5 mm. Shade of anti-rust anodized metallic brass air vents should match with the light brown color i.e. Pantone 15-4003 TCX.

READ:

Article No	Page No	ITEM
4.	14	In Bush jacket metallic air vents are placed at arm pits both side front and back and two in upper and lower side of each back pleat. Outer dia is 11mm and inner dia is 4.5 mm. Shade of anti-rust anodized metallic brass air vents should match with the Green color present in base fabric (Digital Camouflage Dress Pak Marines- 60% Cotton and 40% Polyester) OR. Pantone shade i.e. 19-0315 TCX

Viewed by 3rd Engineer Bushra Nazki
Lt Cdr PN Muneob Anwar Khan (Cdr)

DA FAN 22,
2022 13:21:54

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WING)

PN/DID/03/12913337

58455

See Distribution)

28 March 2022

CONTRACT NO. 025022/R 2102/330964 DATED 28 MAY 2021 CLOTH FOR DIGITAL
CAMOUFLAGE DRESS PAK MARINES 60/40 AND CONTRACT NO. 025024/R
2102/330422 DATED 22 JUNE 2021 CLOTH FOR DRESS NO. 4B GSDC 100
PERCENT COTTON

Reference:

- A. PN/NS Dte/03/2093754 dated: 22 Mar 2022
- B. PN/DID/03/12717170 dated: 11 Mar 2022
- C. PN/DID/03/12342044 dated: 14 Feb 2022

1. It is intimated that proposed amendments in PN specifications 01/2018 and 03/2018 have been approved by NHQ (NS Dte) vide reference A. Same are enclosed and hereby promulgated for incorporation in relevant PN specifications.
2. Letter at reference C may be treated as cancelled, please.

MUHAMMAD AFSAR
Capt PN
DID

Encls:

1. Amendment in PN specification 01 2018
2. Amendment in PN specification 03 2018

Distribution:

External:

RESTRICTED

AMENDMENTS IN PN SPECIFICATION 03/2018

FQR:

S NO	ITEM	REQUIREMENT
BASE FABRIC MATERIAL SPECIFICATION (RIBBED CAMOUFLAGE CLOTH)		
4.	Color Scheme	
	Navy	19-4027 TCX
	Dark Brown	19-0814 TCX
	Light Brown	18-0930 TCX
	Khaki	16-0518 TCX
	Green	19-0315 TCX
	Beige Dye	14-0216 TCX
Or as per approved samples held with CINS		

READ:

S NO	ITEM	REQUIREMENT
BASE FABRIC MATERIAL SPECIFICATION (RIBBED CAMOUFLAGE CLOTH)		
4.	Color Shade	Panton Shade OR L a b Values
a.		L a b
	Navy/ Blue	19-4027 TCX 24.12 -3.74 -14.76
	Dark Brown/ Brown	19-0814 TCX 27.50 6.06 11.20
	Light Brown	18-0930 TCX 33.78 7.09 13.12
	Khaki/	16-0518 TCX 55.15 1.28 20.46
	Green	19-0315 TCX 31.21 -8.24 12.24
	Beige Dye	14-0216 TCX 65.09 -3.31 14.75
b.	Color Difference	($\Delta E \leq 1$)

Lt Cdr PN Muneeb Anwar Khan (Graduate Engineer)

PN(C/D) DA Nov 2017 1221 hrs

RESTRICTED



DID
OFFICE OF NDMI (ITD
WING)

PN/DID/03/11690723

58455

See Distribution

17 December 2021

AMENDMENT IN PN SPECIFICATION NO. 01/2018 AND 03/2018

Reference:

A. PN/NS Dte/03/317058 dated: 09 Dec 2021

The amendments proposed in PN Specifications 01/2018 and 03/2018 have been approved by NHQ (NS Dte) vide Reference A. Same are hereby promulgated and may be incorporated in PN Specifications 01/2018 and 03/2018 as given below, please.

EOR:

Spec No.	Clause	Page No.	Description
01/2018	11.1	5	Tender Sample to be approved by INS
03/2018	11.1	5	Tender Sample to be approved by INS

READ:

Spec No.	Clause	Page No.	Description
01/2018	11.1	5	Tender Sample to be approved by TSR Committee
03/2018	11.1	5	Tender Sample to be approved by TSR Committee

MUHAMMAD AFSAR
Capt PN
DID

Distribution:

Internal

RESTRICTED



DGITD
MATERIEL BRANCH
NAVAL HEADQUARTERS
NSSD AREA WEST
WHARF ROAD KARACHI

PN/DGITD/03/1445384

59256

See Distribution

20 December 2018

AMENDMENT IN PN SPECIFICATION OF DRESS PAK MARINES

Reference:

- A. PN/NS Dte/03/1375033 dated: 12 Nov 2018
- B. PN/DGITD/03/1285656 dated: 10 Sep 2018
- C. PN/DGITD/03/1106599 dated: 26 Apr 2018

Apropos letter at references A, following amendments may please be incorporated in PN Specification No. 03/2018 promulgated vide reference C:

a. Amend Para (16) Packing Details of PN Specification No 03/2018

- i. Packing details at Para 16 may be amended after addition of fabric and jockey cap packing instructions as follows:

FABRIC PACKING DETAILS

- Accepted fabric shall be packed in the form of rolls.
- Each roll shall have length from 100 yards up to 200 yards (within multiple of 4 Yds)
- The rolls should be packed / wrapped in polyethylene sheet, vacuumed and in sealed packing.
- Each roll shall bear identification label indicating description of store, year of manufacture and contract no, material composition, fabric width and length, contractors name, batch no. ,shrinkage

JOCKEY CAP PACKING DETAILS

- 10 X Camouflage Jockey /Sea Caps bundles shall be packed in a neat and tidy condition in standard polyethylene packing of 0.035 mm thickness. These bags/ bundles shall be

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sealed with transparent adhesive tape 2.54 cm of thickness 0.04 – 0.05 mm.

- 05 X such bundles (50 caps) shall be packed in Carton Corrugated Card board box (07 ply).
- Each Carton shall contain one size of Camouflage Sea Caps only.
- Each Box Board Packing shall be securely and properly packed with transparent adhesive tape 10 cm of thickness 0.04- 0.05 mm.

ii. Amended measurement schedule and drawings are also enclosed to replace Appendix 1 and 2 of Annex B at your end please.

ASMA SOHAIL
Lt Cdr PN
SO TEXTILE DITD (S)

Encl(s):

1. Appendix 1 of Annex B
2. Appendix 2 of Annex B 1
3. Appendix 2 of Annex B 2
4. Appendix 2 of Annex B 3
5. Appendix 2 of Annex B 4

Distribution:

External:

Action:

DP (NAVY)

CINS

DNS

CSD N

Attn: CO PNCSD

Viewed by: Lt PN Rana Mehdi Hassan GO I PNCSD. Dated: 09 Nov 2021 09:12:09

APPENDIX I TO ANNEX B TO
PN SPECIFICATION NO 03/2018

MEASUREMENT SCHEDULE OF DRESS CAMOUFLAGE BUSH JACKET (INCHES)																			
S.No		3XS	2XS	XXS	XSF	XSL	SF	SL	MF	ML	LF	LL	XLF	XLL	XXL	2XXL	3XXL	4XXL	TOL
	Description	30	32	34	36	36	38	38	40	40	42	42	44	46	48	50	52	54	±
01	Length from center back.	28	29	30	29	31	29	31	29	31	29	31	31	31	31	31	32	32	0.75
02	Chest.	18	19	20	21	21	22	22	23	23	24	24	25	26	27	28	29	30	0.5
03	Waist.	17	18	19	20	20	21	21	22	22	23	23	24	25	26	27	28	29	0.5
04	Bottom.	18	19	20	21	21	22	22	23	23	24	24	25	26	27	28	29	30	0.5
05	Shoulder.	16	16.25	16.75	17.25	17.25	18	18	18.75	18.75	19.5	19.5	20.25	20.25	21	21	21	21	0.25
06	Sleeve Length.	21.5	22	23	23	25	23.5	25	23	25	23.5	25	24.5	25	25	25.5	25.5	25.5	0.5
07	Sleeve opening.	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6.5	6.5	6.5	0.38
08	Arm hole.	9	9.25	9.5	10	10	10	10	10.5	10.5	10.5	10.5	11	11	11	11.5	11.5	12	0.5
09	Sleeves patch length.	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.25
10	Sleeves patch width top.	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	0.25
11	Sleeve patch width bottom.	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.25
12	Flag Velcro size.	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	0
13	Flag Velcro placement from shoulder seam.	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	0
14	Cuff height.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.13
15	Sleeve loop length.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0.25
16	Sleeve loop Width.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.13
17	Front flap width.	4.75	4.75	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	0.25
18	Front flap height.	2.25	2.25	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.13
19	Front pocket length including flap.	6	6	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	6.75	0.25
20	Front pocket side box.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.13
21	Front pocket placement.	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	0.25
22	Front pocket hem.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.13
23	Front pocket Velcro height.	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	
24	Front pocket Velcro width.	4.25	4.25	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0.25
25	Collar.	13.5	14	14.5	14.5	15	15	15.5	15.5	16	16	16.5	16.5	17	17.5	18	18	18.5	0.38
26	Collar height from center back.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0.13
27	Collar corner.	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.13
28	Side loop width.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.13
29	Side loop length.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0.13
30	Front pocket tally Velcro (width & Length).	1/4.75	1/4.75	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	0.13
31	Front placket width right side.	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	0.13

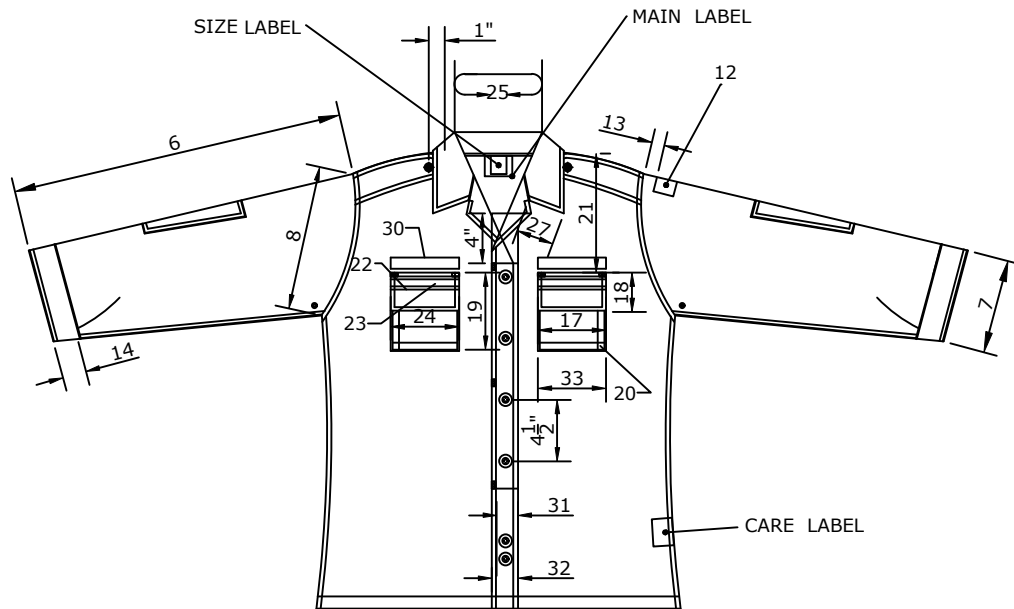
32	Front placket width left side.	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	0.13	
33	Front pocket width.	4.75	4.75	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	0.13

PROMULGATION DATE 26 April 201

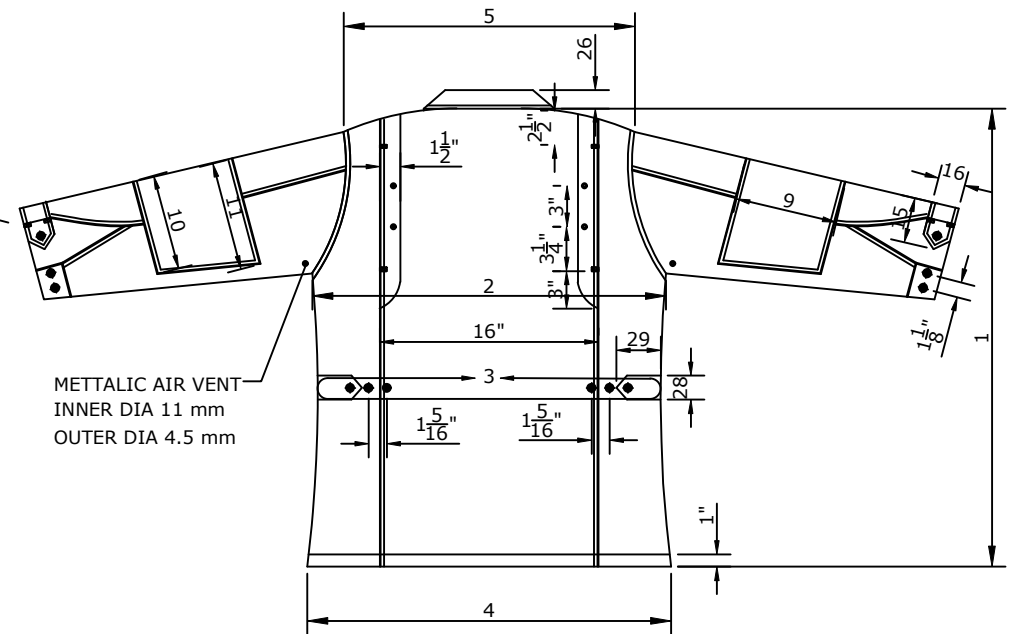
MEASUREMENT SCHEDULE OF DRESS CAMOUFLAGE TROUSER (INCHES)

		3XS	2XS	XXS	XSF	XSL	SF	SL	MF	ML	LF	LL	XLF	XLL	XXL	2XXL	3XXL	4XXL	TOL
SR	DESCRIPTION	26	28	30	32	32	34	34	36	36	38	38	40	42	44	46	48	50	±
1	Waist.	26	28	30	32	32	34	34	36	36	38	38	40	42	44	46	48	50	0.5
2	Hip (8in from belt).	35	37	39	41	41	43	43	45	45	47	47	49	51	53	55	57	59	0.5
3	Thigh.	23	24	25	26	26	27	27	28	28	29	29	30	31	32	33	34	35	0.5
4	Knee 13" from crouch.	9.25	9.5	9.75	10	10	10	10.25	10.25	10.5	10.5	10.75	10.75	11	11.25	11.5	11.75	12	0.25
5	Bottom.	8.5	8.75	9	9	9	9.25	9.25	9.25	9.25	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	0.25
6	Out seam.	41	41	41	39	42	39	42	39	42	39	42	42	42	42	42	42	42	1
7	Front rise.	10.5	10.75	11	11.25	11.5	11.5	11.75	11.75	12	12	12.25	12.5	12.75	13	13.25	13.5	13.75	0.25
8	Back rise.	15.5	15.75	16	16.25	16.5	16.5	16.75	16.75	17	17	17.25	17.5	17.75	18	18.25	18.5	18.75	0.25
9	Front patch length.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	0.25
10	Front pocket opening waist.	2	2	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	0.25
11	Front pocket side seam.	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.25
12	Thigh pocket length.	7.5	7.5	8	8	8	8	8	8	8	8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	0.25
13	Thigh pocket width.	7	7	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	8	8	8	8	8	8	8	0.25
14	Thigh pocket flap height.	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	0.13
15	Back pocket flap width.	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0.25
16	Back pocket flap height.	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.13
17	Back patch inside length.	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	0.25
18	Waist belt.	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	0.13
19	Thigh pocket placement from Waist belt.	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	0.25
20	Belt loop length.	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	0.25
21	Belt loop width bottom.	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	0.13
22	Belt loop width top.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.13
23	Fly width.	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	0.13
24	Fly length full.	6.5	6.5	7	7	7	7	7	7	7	7	7	7.75	7.75	7.75	8	8	8	0.25

Viewed by: Lt PN Rana Mehraj Khasa 09 Nov 2017 09:12:55



FRONT VIEW



BACK VIEW

1252

NOTE:
FOR FURTHER DETAILS SEE SEALED STOCK SAMPLE.

S.NO	ITEM	INC	S.NO	ITEM	INC	S.NO	ITEM	INC
			24	FRONT POCKET VELCRO WIDTH	5	12	FLAG VELCRO SIZE	4x6 CM
			23	FRONT POCKET VELCRO HIGHT	0.5	11	SLEEVE PATCH WIDTH BOTTOM	7
			22	FRONT POCKET HEM	1	10	SLEEVE PATCH WIDTH TOP	8
33	FRONT POCKET WIDTH	5.25	21	FRONT POCKET PLACEMENT	7.5	09	SLEEVE PATCH LENGTH	7
32	FRONT PLACKET W LEFT SIDE	1.75	20	FRONT POCKET SIDE BOX	1.5	08	ARM HOLE	10.5
31	FRONT PLACKET W RIGHT SIDE	1.25	19	FRONT POCKET LENGTH INCLUDING FLAP	6.75	07	SLEEVE OPENING	6
30	FRONT POCKET TALLY VELCRO	1x5.25	18	FRONT FLAP HEIGHT	2.5	06	SLEEVE LENGTH	23
29	SIDE LOOP LENGTH	3	17	FRONT FLAP WIDTH	5.25	05	SHOULDER	18.75
28	SIDE LOOP WIDTH	2	16	SLEEVE LOOP WIDTH	2	04	BOTTOM	23
27	COLLAR CORNER	2.5	15	SLEEVE LOOP LENGTH	3	03	WAIST	22
26	COLLAR HEIGHT FROM CENTER BACK	3	14	CUFF HEIGHT	2	02	CHEST	23
25	COLLAR	15.5	13	FLAG VELCRO PLACEMENT FROM SHOULDER SEAM	1.75	01	LENGTH FROM CENTER BACK	29
			17	DESCRIPTION				

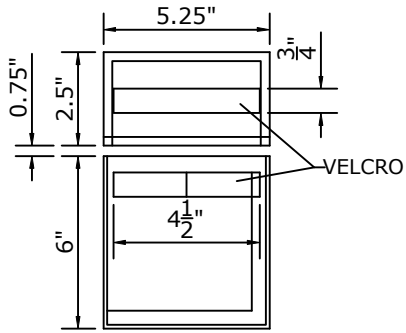
DITD KARACHI

TITLE: **SHIRT CAMOUFLAGE (MAIN BODY) SIZE- MF-40**

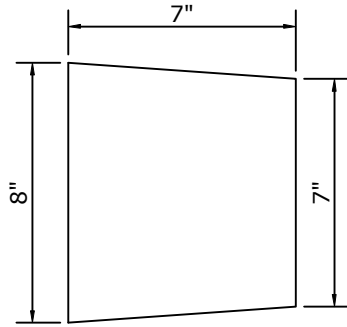
DWG.NO. TD-2445/2018 DIMENSIONS: INCHES

DATE: 28-08-2018 SCALE: N.T.S

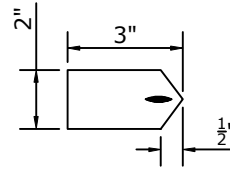
DRAWN BY	CHECKED BY	APPROVED BY
--SD--	--SD--	--SD--
H.D/M M.ASGHAR I/c DWG.	LTCDR ASMA SOHAIL SO.R&D	CDR AZHAR MIR DITD



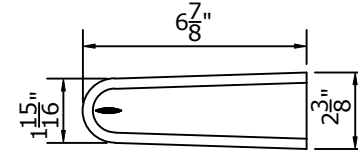
POCKET



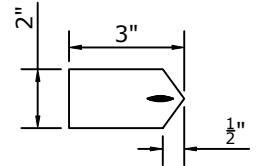
ELBOW PATCH



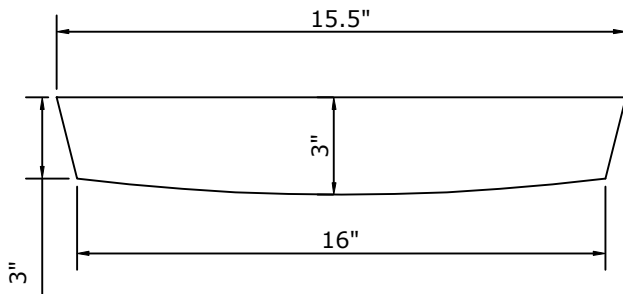
SIDE LOOP



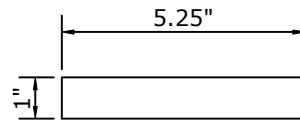
SHOULDER FLAP



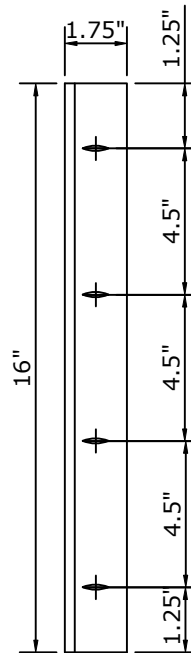
CUFF LOOP



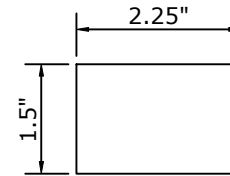
COLLAR



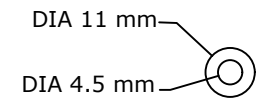
NAME TALLY



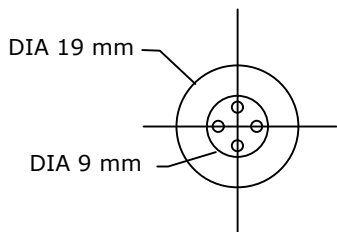
BUTTON HOLE TAG



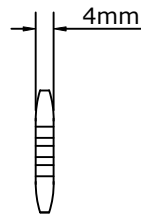
FLAG PATCH



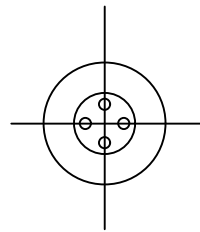
AIR VENT



FRONT



SIDE



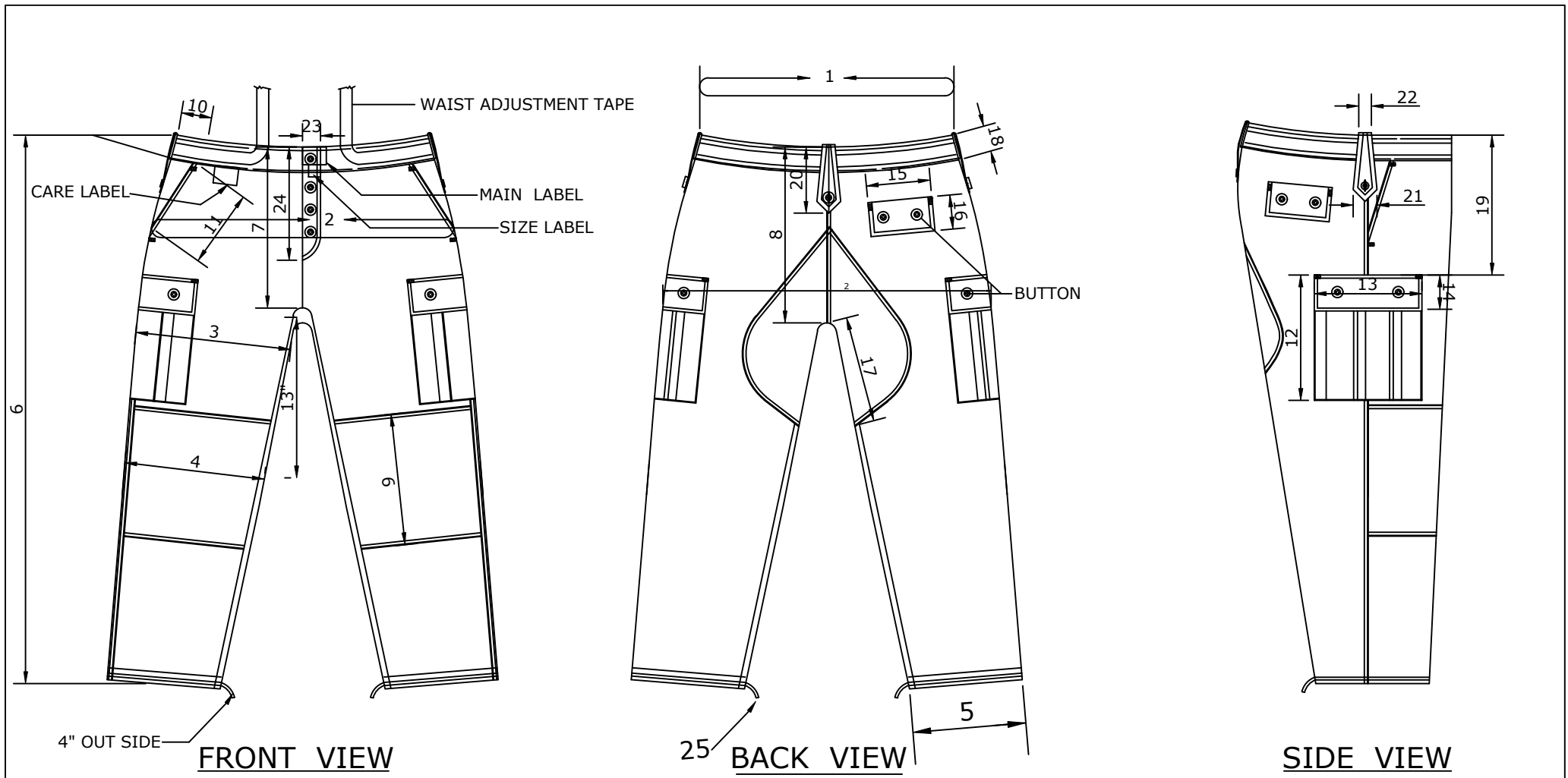
BACK

BUTTON SCALE: 1:2

NOTE:
17 FOR FURTHER DETAILS SEE SEALED SAMPLE.

1253

DITD KARACHI		
TITLE: SHIRT CAMOUFLAGE (SMALL PARTS) SIZE: MF-40		
DWG. NO. TD-2446/2018	DIMENSIONS: INCHES	
DATE: 28-08-2018	SCALE: N.T.S	
DRAWN BY --SD-- H.D/M M.ASGHAR I/c DWG.	CHECKED BY --SD-- LTCDR ASMA SOHAIL SO, R&D	APPROVED BY --SD-- CDR AZHAR MIR DITD

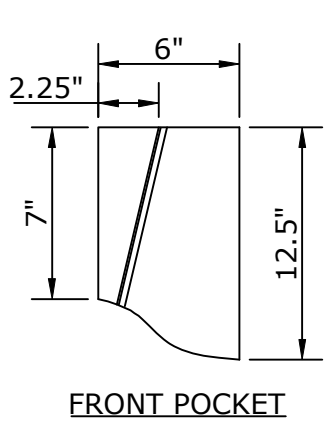


1254

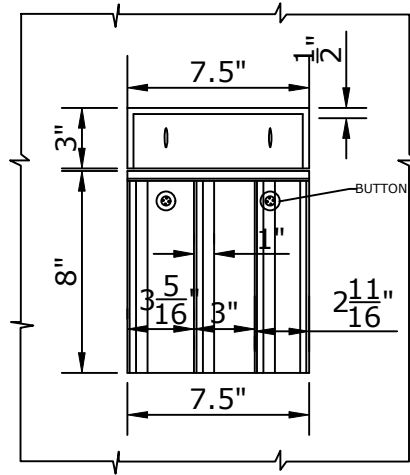
25	BOTTOM ADJUSTABLE ROPE	Ø2/8"	14	THIGH POCKET FLAP HEIGHT	3
24	FLY LENGTH FULL	7	13	THIGH POCKET FLAP WIDTH	7.5
23	FLY WIDTH	1.5	12	THIGH POCKET LENGTH	8
22	BELT LOOP WIDTH TOP	1	11	FRONT POCKET SIDE SEAM	7
21	BELT LOOP WIDTH BOTTOM	1.75	10	FRONT POCKET OPENING WAIST SEAM	2.25
20	BELT LOOP LENGTH	5	9	FRONT PATCH LENGTH	10
19	THIGH POCKET PLACEMENT	10.5	8	BACK RISE	16.75
18	WAIST BELT	1.75	7	FRONT RISE	11.75
17	BACK PATCH INSIDE LENGTH	6.25	6	OUT SEAM	39
16	BACK POCKET FLAP HEIGHT	2.5	5	BOTTOM	9.25
15	BACK POCKET FLAP WIDTH	6	4	KNEE ON 13" FROM CROUCH	10.25
			3	THIGH	28
			2	HIP(8 FROM BELT)	45
			1	WAIST	36
S.NO	ITEM	INC	S.NO	ITEM	INC
	18			DESCRIPTION	

DITD KARACHI		
TITLE: TROUSER CAMOUFLAGE (MAIN BODY) SIZE:MF-36		
DWG.NO. TD-2447/2018	DIMENSIONS: INCHES	
DATE: 28-08-2018	SCALE: N.T.S	
DRAWN BY	CHECKED BY	APPROVED BY
--SD--	--SD--	--SD--
H.D/M M.ASGHAR I/c DWG.	LTCDR ASMA SOHAIL SO.R&D	CDR AZHAR MIR DITD

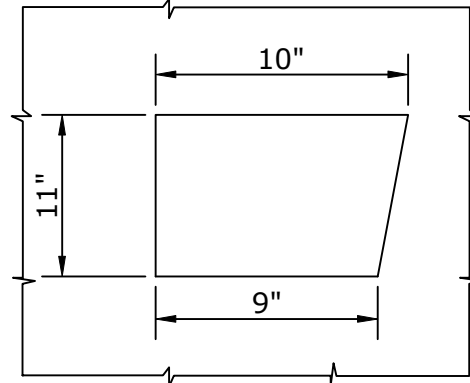
NOTE:
FOR FURTHER DETAILS SEE SEALED SAMPLE.



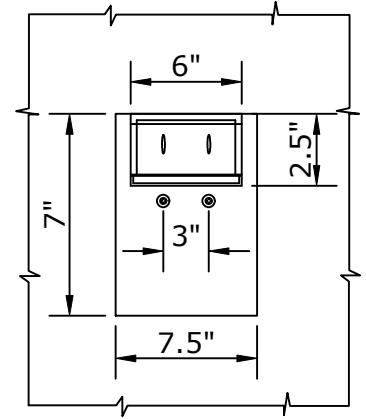
FRONT POCKET



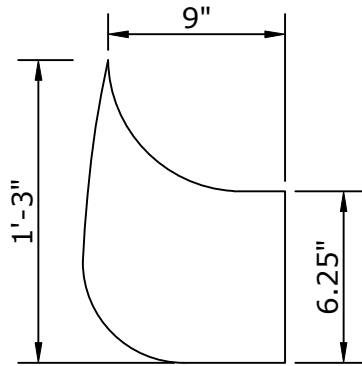
THIGH POCKET



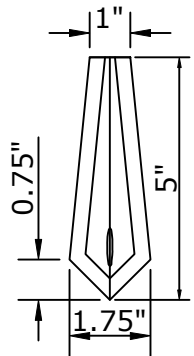
KNEE PATCH



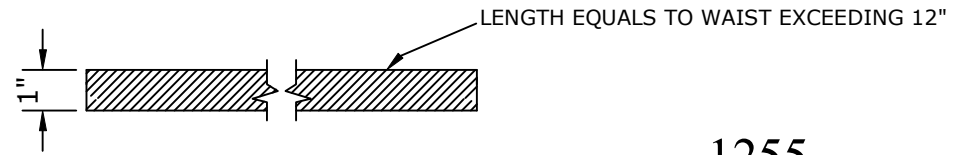
BACK POCKET



HIP PATCH

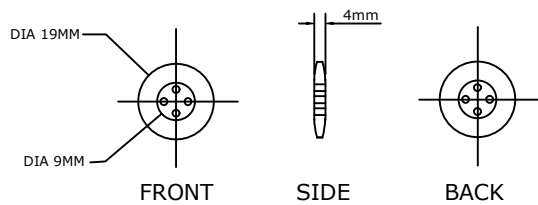


BELT LOOP

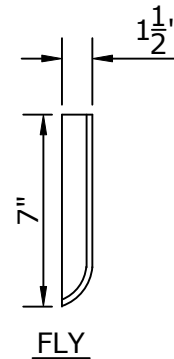


WAIST ADJUSTMENT TAPE

1255



BUTTON
SCALE:1:2



FLY

NOTE:

19

FOR FURTHER DETAILS SEE SEALED SAMPLE.

DITD KARACHI		
TITLE: TROUSER CAMOUFLAGE (SMALL PARTS) SIZE:MF-36		
DWG.NO. TD-2448/2018	DIMENSIONS: INCHES	
DATE: 28-08-2018	SCALE: N.T.S	
DRAWN BY	CHECKED BY	APPROVED BY
--SD--	--SD--	--SD--
H.D/M M.ASGHAR I/c DWG	LTCDR ASMA SOHAIL SO.R&D	CDR AZHAR MIR DITD



PAKISTAN NAVY SPECIFICATION 03/2018

PROMULGATION DATE: 26 April 2018

DIGITAL CAMOUFLAGE
DRESS PAK MARINES
60% COTTON - 40% POLYESTER

Prepared by:

Directorate of Indigenous
Technical Development
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KARACHI
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Fax: 021 99214765

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1. **DESIGNATION**

1.1 Digital Camouflage Dress Pak Marines 60% Cotton - 40% Polyester (Bush Jacket, Trouser, PAK NAVY Soft Tally and Camouflage Jockey Cap).

2. **USAGE**

2.1 This dress will be used by Officers, CPOs and Sailors of Pakistan Navy vide NHQ letter PN/NS Dte/03/878204 dated 30 Nov 17.

3. **INTRODUCTION**

3.1 This specification is prepared by Directorate of Indigenous Technical Development, Karachi, to provide necessary guidance to the potential manufacturers/ suppliers of the items mentioned herein. This specification is to be used for testing and deciding upon acceptance, or otherwise, of the items mentioned. Any alteration or addition in this specification can be suggested to ITD Directorate. However, it cannot be implemented without prior approval of DITD. This specification supersedes and replaces PN Specifications No. 11/2014 and PN Specification 04/2017 promulgated earlier in relation to the items mentioned herein.

3.2 This specification booklet includes 09 Annexes, and consists 33 pages, including the cover.

4. **SCOPE**

4.1 This specification covers the manufacturing / inspection requirements of cloth made from Poly cotton blend to be used in the manufacturing of uniform, namely Digital Camouflage Dress Pak Marines 60% Cotton-40% Polyester (Bush Jacket & Trouser) to be used by personnel of Pakistan Navy. This specification lays down the standard to which the stores shown under designation above should conform. It defines and lays down the quality, standard and details of materials, workmanship and finish. It also lays down the details of sampling, testing, inspection rejection, marking, preservation, packing and delivery etc.

4.2 The supplier/ manufacturer shall comply in every respect with the terms of this specification and ensure that the stores conform to it, in all respects.

5. **RELATED DOCUMENTS**

5.1 The standards and documents that have been referred to in this specification are:

a.	ISO 1833	Textile – Quantitative chemical analysis
b.	ISO-3801	Determination of mass per unit length and area
c.	ISO-7211/2	Determination of number of threads per unit length
d.	ISO-7211/5	Determination of linear density of yarn removed from fabric
e.	ISO-105-C03	Color fastness to Washing test No. 3
f.	ISO-105-E02	Color fastness to Seawater test
g.	ISO-105-X12	Color fastness to Rubbing test
h.	ISO-105-E04	Color fastness to Perspiration
j.	ISO 13934-01 1999	Textile- Tensile properties of fabrics (strip method)
k.	ISO 13937-01 1999	Textile- Tear properties of fabric (Elmendorf)
m	AATCC 128-2009	Wrinkle Recovery of fabric
n.	AATCC 79-2010	Absorbency of Textiles
o.	ISO 9237:1995	Determination of permeability of fabric to air
p.	AATCC 195:2010	Test for evaluation of Moisture Management
q.	ASTM D 1230	Flammability of Apparels

r.	ISO 6330 (3A)	Domestic washing and drying procedures for textile testing
s.	BS EN ISO 12945-2	Determination of fabric propensity to surface fuzzing and to pilling
t.	BS EN ISO 12947-4	Determination of the abrasion resistance of fabrics by the Martindale method
u.	BS EN 25077	Determination of Dimensional Change in washing and drying
v.	ISO 3071	Determination of pH of aqueous extract
w.	AATCC 16 option 3	Colorfastness to light
x.	BS 4162	Methods of test for buttons
y.	AATCC 133	Colorfastness to hot press
z.	ASTM D 5171	Standard test method for impact resistance of plastic sew through buttons
a1.	ASTM D5169	Dynamic shear strength of hook and loops touch fastener (Velcro)
a2.	ASTM D 5170	T Peel Strength of hook and loop touch fastener (Velcro)

6. **TERMS & DEFINITIONS**

6.1 Definitions for the terms used in this standard are given at Annex G.

7. **TECHNICAL DETAILS FOR DIGITAL CAMOUFLAGE DRESS PAK MARINES 60% COTTON- 40% POLYESTER**

7.1 The technical details of Digital Camouflage Dress Pak Marines 60% Cotton- 40% Polyester is given at Annex A of this specification.

8. **MANUFACTURING DETAILS FOR DIGITAL CAMOUFLAGE DRESS PAK MARINES 60% COTTON- 40% POLYESTER**

8.1 Manufacturing details of Digital Camouflage Dress Pak Marines 60% Cotton - 40% Polyester will be as per Annex B of this specification.

9. **QUALITY OF WORKMANSHIP AND FINISHING**

9.1 Workmanship and finish of the Digital Camouflage Dress Pak Marines shall be equal to the sealed sample. It shall be best of its class and to the entire satisfaction of the inspector.

10. **TESTING**

10.1 The material shall be subjected to tests laid down in this specification at Annex A of this specification and related documents. At least one complete dress and 03 meter fabric will be required to complete all the tests mentioned at Annex A of this specification. The material may also be subjected to such tests which are deemed necessary by the inspection authority in order to determine their suitability. Inspecting Authority reserves the right to get any B/R samples tested from any reputable laboratory other than PN. However, any test considered important by Inspecting Authority other than Annex A may also be conducted in order to check its suitability.

11. **TENDER SAMPLE**

11.1 Tender sample to be approved by INS

11.2 For each contract following material shall be supplied by the manufacturer at the time of tendering.

a.	Finished Garment	–	03 Nos.
b.	Fabric	–	05 Meter
c.	Fused Buckram	–	01 Meter

d.	Buttons	–	05 Nos.
e.	Stitching Thread	–	50 Grams
f.	Velcro	–	0.5 meter
g.	Waist adjustment Tape	–	02 No.s

12. **ADVANCE SAMPLE**

12.1 Advance sample or pre-production sample, when required, shall be submitted in accordance with terms of the contract for inspection, testing and approval by CINS. The minimum quantities required are 05 dresses along with samples of materials used in manufacturing of garments for inspection.

12.2 Whenever Tender, Advance or pre-production sample is not required, the suppliers / manufacturer are advised in their own interest to submit to the Inspecting Officer or his representative an initial delivery of One % of the contract or ten dresses, whichever are more along with samples of materials for inspection.

12.3 The approval of the sample mentioned in Para 11 & 12 authorizes the commencement of bulk production but does not relieve the suppliers/ manufactures from compliance with all the provisions of this specification. One approved sample shall be properly sealed by INS and returned to the firm for guidance; rest of the approved sample shall be retained by INS for future use in bulk Inspection.

12.4 The Pre-production sample shall be manufactured by the manufacturer with the same facilities which will be used for manufacturing of the bulk items.

12.5 Firm shall provide advance sample along with quality verification reports of fabric from an accredited laboratory to ensure in process inspection/ quality procedure of the firm.

13 **INSPECTION**

13.1 **Bulk representative sample** B/R random sampling will be carried out as per rules in vogue.

13.2 **Bulk Inspection** Bulk inspection will be carried out after satisfactory completion of Visual Examination and Testing of B/R Sample.

13.3 **Inspection of Store** 100% of the offered store shall be inspected. The guide lines for such examination/inspection are listed at Annex H. Stage inspection of Dresses be carried out as deemed appropriate.

13.4 **Inspection/ Acceptance and Rejection of Stores** Inspection/ acceptance is to be carried out to the satisfaction of Chief Inspector Naval Stores.

13.5. The dresses shall be examined for the correctness of material, shape, design, dimension, size, workmanship and finish.

13.6. All dresses shall be inspected w.r.t defective shape, discoloration/ fading, pinholes, closing of dresses are to be especially checked.

13.7. CINS reserves the right to reject the whole supply in case, upon examination, material or packing of any sample or portion of the consignment is found NOT CONFORMING to this specification.

13.8. If on examination of 5% of any delivery, 20% of those examined from bulk supply are found NOT CONFORMING to this specification in respect of the pattern, dimensions, workmanship and finish, the whole consignment may be rejected without any compromise.

13.9. All stores and packing NOT fully in accordance with this specification shall be rejected.

13.10. Dresses with major defects as described in Annex H of this specification will be rejected.

13.11. **Responsibility for Inspection** The supplier is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. PN reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements.

13.12 **Responsibility for Compliance** The inspection set forth in this specification shall become a part of the supplier's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to PN for acceptance comply with all requirements of the contract. Sampling inspection, as part of manufacturing operations, is an acceptable practice to ascertain conformance to requirements, however, this does not authorize submission of known defective material, either indicated or actual, nor does it commit PN to acceptance of defective stores (material).

13.13 **Replacement by the Contractor** The supplier/ manufacturer is responsible for replacement of the consignment or any part thereof whenever it is found to be not conforming to this specification. The supplies so tendered in replacement, shall be subjected to testing/Inspection and acceptance by the Inspecting Officer.

13.14 **Responsibility for Safety** The supplier/manufacturer is wholly responsible for the safety of supplies during inspection, storage at firm's premises, proper packing, dispatch and delivery up to consignee.

14. **STAMPING OF ACCEPTED/ REJECTED STORES BY THE INSPECTOR** Following instructions are to be followed:

14.1 **Stamping of Accepted Stores** Each acceptable Dress shall be stamped with Inspector's Individual Acceptance Mark. The stamping shall be legible.

14.2 **Stamping of Rejected Stores** The rejected Dress shall be marked with Inspector's Rejection Mark to avoid re-submission by the supplier.

14.3 The Inspector is the authority in all matters pertaining to inspection.

15. **SPECIAL INSTRUCTIONS**

15.1 **CARE INSTRUCTIONS** Care instructions in English and Urdu shall be attached with each Dress as indicated in the drawing and have minimum requirement as follows:

- Washing procedure.
- Drying procedure.
- Any Prohibition.

16. **PACKING DETAILS** The store when ordered to be delivered 'PACKED' shall be packed as per following instructions:



- The Dresses shall be packed in a neat, dry and clean condition in standard polyethylene.
- 10 Dresses shall be further packed in a thick Boxboard.
- Each Box Board packing shall be securely and properly packed.
- Each box board shall consist of same size.

17. **IDENTIFICATION LABEL** Each Dress shall bear following minimum information mentioned on identification label, attached as indicated in the drawing:

- a. Item name/ item description with NSN/Pattern No.
- b. Material Composition and size
- c. Contract number and Date
- d. Year of manufacture
- e. Contractor's name, initials, or trade mark
- f. Batch no.

18 **PACKING LIST** Firm is bound to provide a packing list of store offered for inspection alongwith the challan, which include complete details about the store i.e Pattern No., Designation, quality packed, size, quantity, contract No, and Date, Challan No. and Date. A packing list shall be enclosed after completion of inspection with each packed box giving full details about the stores packed i.e. Pattern No., Designation, quality packed, size, quantity, contract No, and Date, I/Note No. or voucher No. and date, consignee, Consignor, Date of packing and packer's signature.

19. **MARKING OF STORES** In addition to any special marking required by contract or order, the marking of packages shall be stenciled with quick drying Black ink/ Paint in accordance with Specification No. NS/MISC/002/80 with clearly defined characters as described below:

- a. On Front and Top
 - (1) Catalogue No and Designation of the store packed.
 - (2) Contract No and date.
 - (3) Quantity of the Items packed.
- b. On Back
 - (1) Consignee address.
 - (2) Designation i.e Railway Station.
 - (3) Weight of the Package.
 - (4) The No. of individual Package and the total No of Packages in the consignment joined by the Word 'of 'e.g. 2 of 300.
- c. On Bottom
 - (1) Consignor's Name.
 - (2) Voucher No. or inspection note no. and date.
 - (3) Month and year of packing.

20. **DELIVERY**

20.1 The consignment of store will be delivered in accordance with the terms of contract.

20.2 The store shall be delivered in Brand new, clean and dry condition.

20.3 The contractor / manufacturer is fully responsible for the safety of the supplies during inspection, storage at firms premises proper packing, dispatch and delivery up to consignee.

XXXXSDXXX

AZHAR MIR

Commander Pakistan Navy

Director

Annexes:

- A. Technical details for Digital Camouflage Dress Pak Marines 60% Cotton - 40% Polyester
- B. Manufacturing details for Digital Camouflage Dress Pak Marines 60% Cotton - 40% Polyester
- C. Technical details of PAK Navy Soft Tally
- D. Manufacturing details of Pak Navy Soft Tally
- E. Technical details of Camouflage Jockey Cap / Sea Cap
- F. Manufacturing details of Camouflage Jockey Cap / Sea Cap
- G. Terms & Definitions
- H. Guidelines for Inspection – Specific Parts Defects
- J. Feedback Form

Distribution:

DP (N)

CINS

DNS

CO PNCSD

ANNEX A TO
PN SPECIFICATION NO 03/2018
PROMULGATION DATE 26 April 2018

TECHNICAL DETAILS FOR DIGITAL CAMOUFLAGE DRESS PAK MARINES 60% COTTON - 40% POLYESTER

S NO	ITEM	REQUIREMENT
BASE FABRIC MATERIAL SPECIFICATION (RIBBED CAMOUFLAGE CLOTH)		
1.	Material	60% Cotton – 40 % Polyester
2.	Count of Yarn	Warp $20^S \pm 2$ (29.5 \pm 2 Tex) Weft $16^S \pm 2$ (37 \pm 2 Tex) Ring spun Combed yarn shall be used
3.	Threads per Inch	Warp 123 ± 5 (Ends) Weft 63 ± 5 (Picks)
4.	Colors Scheme	Navy 19-4027 TCX Dark Brown 19-0814 TCX Light Brown 18-0930 TCX Khaki 16-0518 TCX Green 19-0315 TCX Beige (Dye) 14-0216 TCX Or As per approved sample held with CINS
5.	Weave Pattern	Twill weave 2/1 + Rip Stop
6.	Threads /Rip	Warp 2 each single Weft 2 each single
7.	Size of Rip	Warp $6\text{mm} \pm 1\text{mm}$ Weft $6\text{mm} \pm 1\text{mm}$
8.	Weight (gm/sq.mtr)	$245 \text{ gm} \pm 2\%$
9.	Finish	Mercerize, pre- shrink by sanforize and hydrophilic softener (nano finish)
10.	Finish width	59"
11.	Nature of Dye	Ground Print Vat disperse dye Vat disperse print
12.	Digital Camouflage Design Pattern	As per Appendix I and approved sample held with CINS
BASE FABRIC PERFORMANCE TESTING		
1.	Color fastness to washing a. Change in Shade b. Staining	GS: 4 or better GS: 4 or better
2.	Color Fastness to Rubbing (Dry) Staining	GS: 4 or better
3.	Color Fastness to Rubbing (Wet) Staining	GS: 3/4 or better
4.	Color Fastness to light Change in Shade	GS: 4 or better

5.	Color Fastness to perspiration a. Change in Shade b. Staining	GS: 4 or better GS: 4 or better
6.	Color Fastness to Sea Water a. Change in Shade b. Staining	GS: 4 or better GS: 4 or better
7.	Tensile strength (N) Warp	1000 \pm 5%
	Weft	800 \pm 5%
8.	Tear Strength(N) Warp	44 \pm 5%
	Weft	48 \pm 5%
9.	Flammability	Class1 Flame spread time \geq 3.5 sec
10.	Dimensional Stability test after 3 HL 40°C Warp	\pm 2%
	Weft	\pm 2%
11.	Wrinkle recovery	Minimum 2
12.	Crease recovery	150° \pm 3%
13.	Appearance after 5-10 washes (3A) with tumble dry	Satisfactory
14.	Pilling resistance after 5,000 cycles	Grade 4/5
15.	Abrasion resistance after 6,000 cycles	No thread break
16.	Air permeability(mm/sec at 100 Pa)	Minimum 45
17.	Moisture Management	0.60 Min
18.	Water absorbency (drop test)	Front side 7 sec(max) Back side 6 sec (max)
19.	pH level	6-8

STITCHING THREAD SPECIFICATION

1.	Material	Polyester
2.	Construction	2 cord each single
3.	Count of yarn	2/31.5 Tex \pm 3%
4.	Breaking Strength (24")	2.23 Kg \pm 250 gms
5.	Shade	Green or Pantone 19-0315 TCX
6.	Color fastness to washing (Test No. 3) a. Change in Shade b. Staining	GS: 4 GS: 4

VELCRO TAPE MATERIAL SPECIFICATION

1.	Material Male Female	Nylon Nylon
2.	Color	Khaki or Pantone 16-0518 TCX

VELCRO TAPE PERFORMANCE TESTING

1.	1. Before sticking /unsticking 300 times at 300 g. 2. After sticking /unsticking 300 times at 300g.	Satisfactory Satisfactory
2.	Peel Strength (lbs per in width)	1.5
3.	Shear strength(PSI)	10

WAIST ADJUSTMENT TAPE

1.	Material	100% Cotton
2.	Color	Green or Pantone 19-0315 TCX

BUTTONS MATERIAL SPECIFICATION

1	Material	Plastic
2.	Color	Black Pantone # 19-4006 TCX

BUTTON PERFORMANCE TESTING

1.	Color fastness to water	GS 4 or better
2.	Pull test at 90 N	No crack, chips or breakage No structural failure No center break out
3.	Impact resistance	No crack, chips or breakage
4.	Color fastness to heat (hot pressing)	GS 4
5.	Appearance after washing	No color transfer on fabric

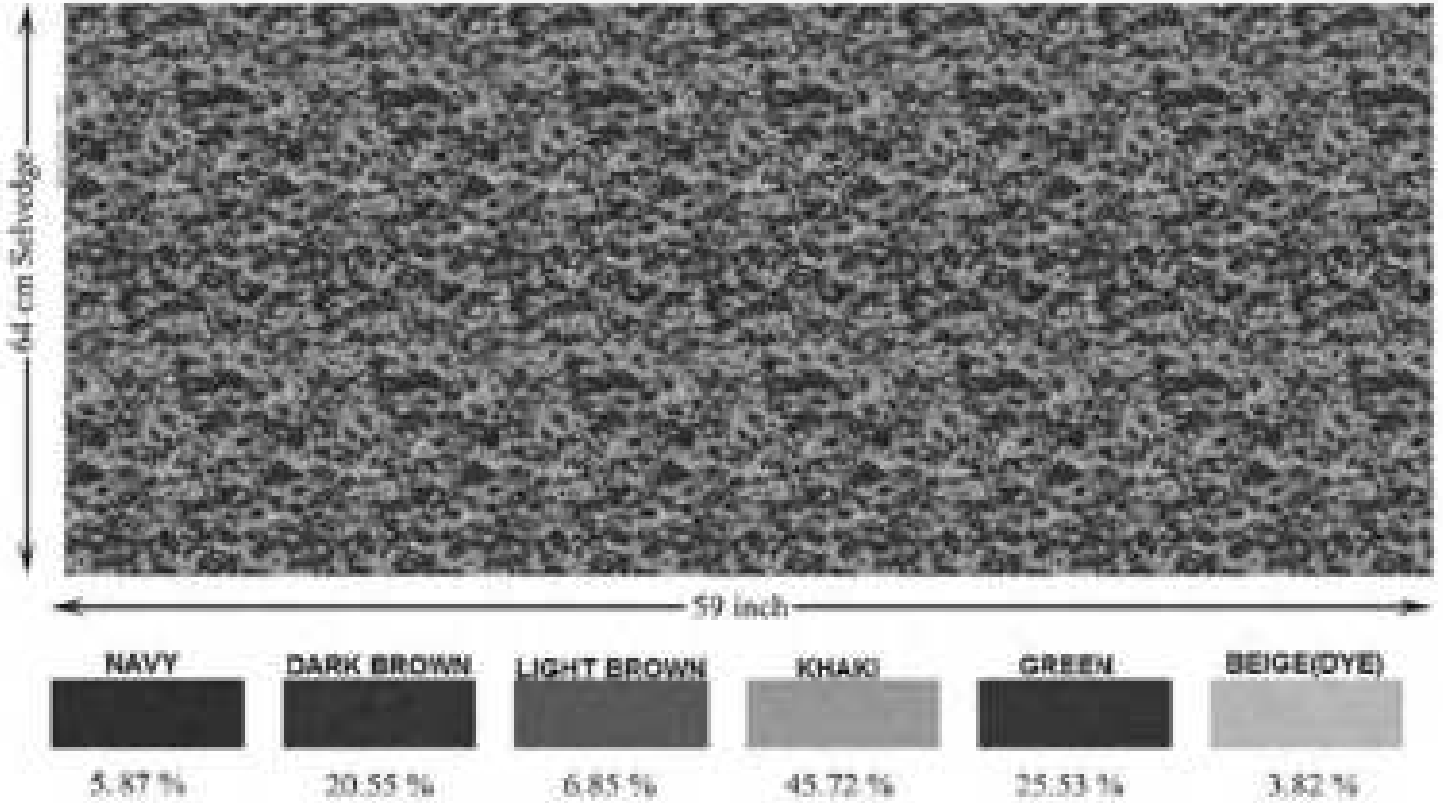
Appendix:

- I. DIGITAL CAMOUFLAGE DESIGN/ PATTERN OF DRESS PAK MARINES

APPENDIX I TO ANNEX A TO
PN SPECIFICATION NO 03/2018
PROMULGATION DATE 26 April 2018

DIGITAL CAMOUFLAGE DESIGN/ PATTERN OF DRESS PAK MARINES

Marine Pixelated Camo



ANNEX B TO
PN SPECIFICATION NO 03 2018
PROMULGATION DATE 26 April 2018

**MANUFACTURING DETAILS OF DIGITAL CAMOUFLAGE DRESS PAK MARINES 60%
COTTON - 40% POLYESTER**

1. Digital Camouflage Dress Pak Marines 60% Cotton-40% Polyester is to be manufactured as per measurement schedule and drawing at Appendix I and Appendix II respectively.
2. 'PAK NAVY' soft tally as per Annex C and D of this specification shall be attached above left chest pocket of Dress Pak Marines Jockey /Sea Cap shall be supplied as per Annex E and F.
3. The sewing/stitching thread should match with the green color i.e Pantone 19-0315 TCX and spun polyester.
4. In Bush jacket metallic air vents are placed at arm pits both side front and back and two in upper and lower side of each back pleat. Outer dia is 11mm and inner dia is 4.5 mm. Shade of anti rust anodized metallic brass air vents should match with the light brown color i.e. Pantone 15-4003 TCX.
5. Polyester Buttons used should be Mat finished, 4 holes with 19 mm dia (30) ligne with 4 mm thickness and black in color. Buttons of 16 mm dia with 4 mm thickness shall be used on shoulders only. The button is to be fastened with same matching black color thread with cross sewing neatly.
6. On bush jacket collar ends, pockets and flaps, front placket, sleeves loops and back pleats are to be reinforced with bartack.
7. In Bush jacket on back pleats, joint of front and back panels, sleeves, arm joint, shoulder, cuffs and elbow patch double needle stitching is required.
8. Bush jacket shall be 1" bottom hemmed.
9. Soft paper fusing shall be used in collar, front pocket flaps and shoulder flaps.
10. Buttonholes are to have at least 22 stitches per 2 cm and to be bar-tacked or taper barred.
11. In trouser fly, cross pockets, knee and seat patches, thigh pockets, and side and seat seam are to be double needle stitched.
12. On trouser on front cross pockets end, thigh pockets, pockets bag and its flaps and back pockets and its flap, waist loops inner side bartack shall be done.
13. Two spare buttons each for bush jacket and trouser be provided/ stitched on the garment.
14. Pocket lining of same camouflage fabric shall be used.
15. Bottom adjustment dori/ rope of same fabric shall be attached at bottom of trouser. One end of the dori/ rope shall be stitched with the trouser to avoid slippage of rope during washing.

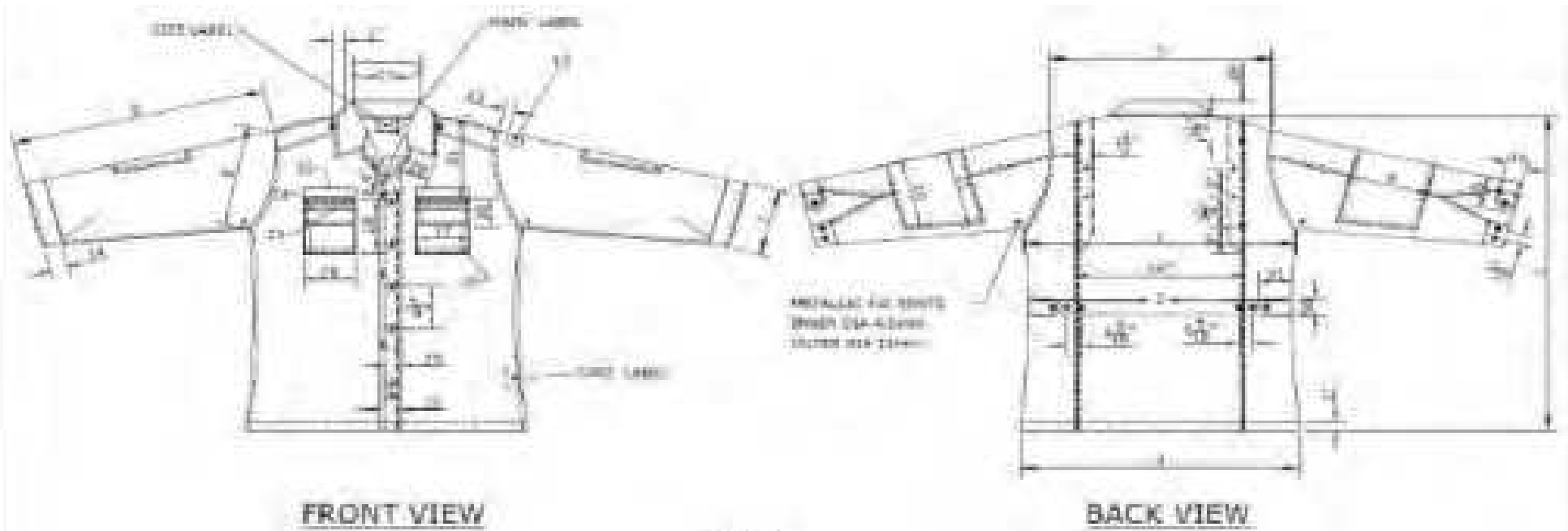
Appendices:

- I. MEASUREMENT SCHEDULE OF DRESS PAK MARINES BUSH JACKET AND TROUSER
- II DRAWING OF DRESS PAK MARINES BUSH JACKET AND TROUSER

MEASUREMENT SCHEDULE OF DRESS PAK MARINES CAMOUFLAGE BUSHJACKET (INCHES)																		
SR	Description	XXS 34	XSF 36	XSL 36	SF 38	SL 38	MF 40	ML 40	LF 42	LL 42	XLF 44	XLL 46	XXL 48	XXL1 48	XXL2 50	XXL3 52	XXL4 54	TOL
1	Length from center back.	29.5	29.5	31	29.5	31	29.5	31	29.5	31	31	31	31	31	31	32	32	0.75
2	Chest.	20	21	21	22	22	23	23	24	24	25	26	27	27	28	29	30	0.5
3	Waist.	19	20	20	21	21	22	22	23	23	24	25	26	26	27	28	29	0.5
4	Bottom.	20	21	21	22	22	23	23	24	24	25	26	27	27	28	29	30	0.5
5	Shoulder.	16.75	17.25	17.25	18	18	18.75	18.75	19.5	19.5	20.25	20.25	21	21	21	21	21.5	0.25
6	Sleeve Length.	23.5	24	24.75	24	24.75	24.5	25.25	24.5	25.25	25	25.5	25.5	25.5	26	27	27	0.5
7	Sleeve opening.	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.5	0.375
8	Arm hole.	10	10.5	10.5	10.5	10.5	11	11	11	11	11.5	11.5	11.5	11.5	11.5	12	12	0.5
9	Sleeves patch length.	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	7.75	0.25
10	Sleeves patch width top.	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	0.25
11	Sleeve patch width bottom.	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	0.25
12	Flag Velcro size.	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	4/6CM	
13	Flag Velcro placement from shoulder seam.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
14	Cuff height.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.125
15	Sleeve loop height.	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	0.25
16	Sleeve loop Width.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.125
17	Front flap width.	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	0.25
18	Front flap height.	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.125
19	Front pocket length including flap.	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.25
20	Front pocket width	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	5.25	
21	Front pocket side box.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.125
22	Front pocket placement.	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	0.25
23	Front placket width right side.	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	1.25	0.125
24	Front placket width left side.	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	0.125
25	Front pocket hem.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0.125
26	Front pocket Velcro height.	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	
27	Front pocket Velcro width.	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	
28	Front pocket tally Velcro (width & Length).	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	1/5.25	
29	Collar.	15	15.5	15.5	16	16.5	16.5	16.5	17	17	17.5	18	18	18	18.5	19	19	0.375
20	Collar height from center back.	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	3.125	0.125
31	Collar corner.	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	0.125
32	Side loop width	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.125
33	Side loop length	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	0.125

MEASUREMENT SCHEDULE OF DRESS PAK MAIRNES CAMOUFLAGE TROUSER (INCHES)																		
SR	DESCRIPTION	XXS	XSF	XSL	SF	SL	MF	ML	LF	LL	XLF	XLL	XXL	XXL1	XXL2	XXL3	XXL4	TOL
		28	30	30	32	32	34	34	36	36	38	40	42	44	46	48	50	
1	Waist.	28	30	30	32	32	34	34	36	36	38	40	42	44	46	48	50	0.5
2	Hip (8in from belt)	37	39	39	41	41	43	43	45	45	47	49	51	54	56	58	60	0.5
3	Thigh	25	26	26	27	27	28	28	29	29	30	31	32	34	35	36	37	0.5
4	Bottom Knee on 13" from crouch.	21	21.5	21.5	22	22	22.5	22.5	23	23	23.5	24	24	24	25	25	26	0.25
5	Bottom	17.75	17.75	17.75	18	18	18.25	18.25	18.5	18.5	18.75	19	19	19	19	19	19	0.25
6	Inseam	33	31	33	31	33	31	33	31	33	33	33	33	33	33	33	33	1
7	Front rise include	11.25	11.5	11.75	11.75	12	12	12.25	12.25	12.5	12.75	13	13.25	13.25	13.5	13.75	14	0.25
8	Back rise	16.25	16.5	16.75	16.75	17	17	17.25	17.25	17.5	17.75	18	18.25	18.25	18.5	18.75	19	0.25
9	Front patch length	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	0.25
10	Front pocket opening waist	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	2.25	0.25
11	Front pocket side seam	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	0.25
12	Thigh pocket length	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	9	9	9	9	9	9	9	0.25
13	Thigh pocket width	8	8	8	8	8	8	8	8	8	8.5	8.5	8.5	8.5	8.5	8.5	8.5	0.25
14	Thigh pocket flap height	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	2.75	0.125
15	Back pocket flap width	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	0.25
16	Back pocket flap height	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	0.125
17	Back patch inside length	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	6.25	0.25
18	Waist belt	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	0.125
19	Thigh pocket placement	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	0.25
20	Belt loop length	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	4.75	0.25
21	Belt loop width bottom	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	0.125
22	Belt loop width top	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.875	0.125
23	Fly width	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	1.75	0.125
24	Fly length full	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.25	7.75	7.75	7.75	7.75	7.75	7.75	7.75	0.25

APPENDIX II TO ANNEX B TO
PN SPECIFICATION NO 03/2018
PROMULGATION DATE 26 April 2018



1220

Sl. No.	Quantity	Unit	Description	Sl. No.	Quantity	Unit	Description
01	1	PC	SHIRT BODY	12	1	PC	SHIRT BODY
02	1	PC	SHIRT BODY	13	1	PC	SHIRT BODY
03	1	PC	SHIRT BODY	14	1	PC	SHIRT BODY
04	1	PC	SHIRT BODY	15	1	PC	SHIRT BODY
05	1	PC	SHIRT BODY	16	1	PC	SHIRT BODY
06	1	PC	SHIRT BODY	17	1	PC	SHIRT BODY
07	1	PC	SHIRT BODY	18	1	PC	SHIRT BODY
08	1	PC	SHIRT BODY	19	1	PC	SHIRT BODY
09	1	PC	SHIRT BODY	20	1	PC	SHIRT BODY
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13	1	PC	SHIRT BODY	24	1	PC	SHIRT BODY
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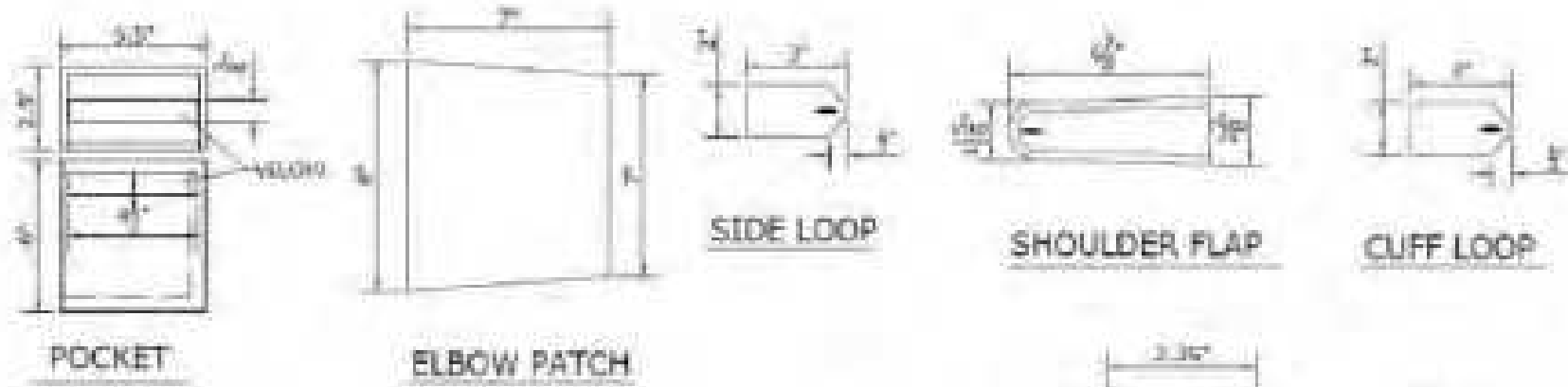
DTD KARACHI

SHIRT CAMOUFLAGE (MAIN BODY) SIZE- MF-40

DESIGNED BY: _____ CHECKED BY: _____ APPROVED BY: _____

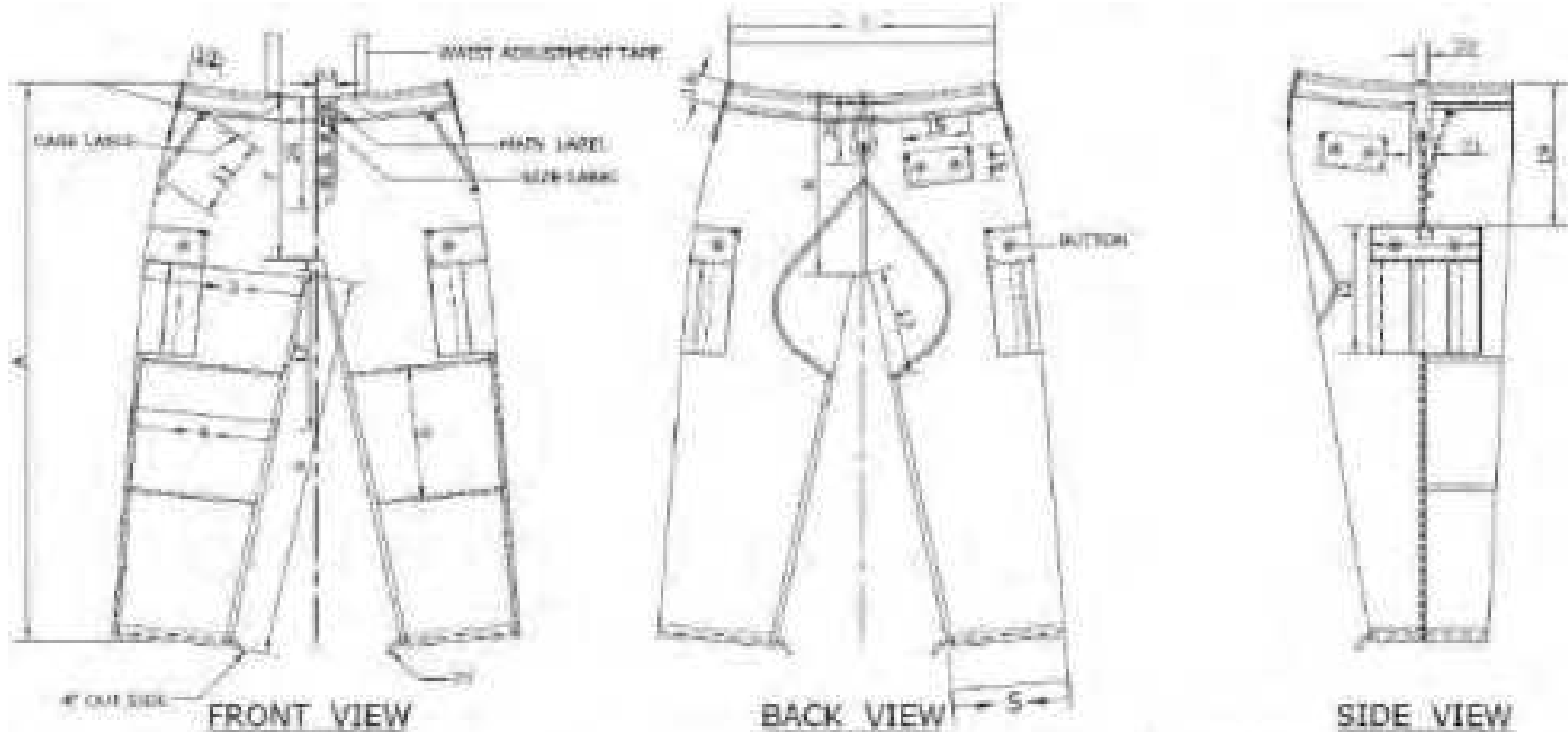
DATE: 19/11/2017 SCALE: N.T.S.

DR. _____



1221

DITD KARACHI		
TITLE: SHIRT CAMOUFLAGE (SMALL PARTS) SIZE/MR-40		
DWG NO. TD-013/3867 DIMENSIONS IN INCHES		
DATE: 15.11.2017 (YEAR) 15.7.17		
DRAWN BY N. ILM N. A. VOGAR 01.000	CHECKED BY L. I. QUR A. H. M. S. H. A. S. NO. 800	APPROVED BY COR. 01.000 MR. S. I. Q.



1222

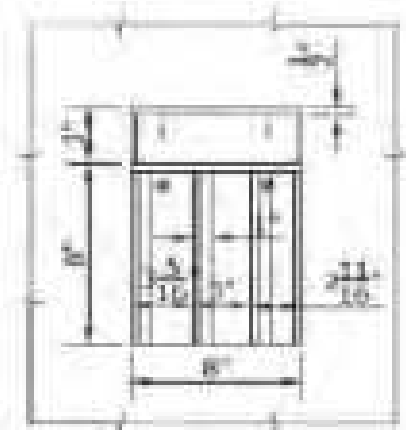
DITD KARACHI			
TITLE: TROUSER CAMOUFLAGE SIZE: MF-34			
DRAWING: TD-24/00017		DIMENSIONS: INCHES	
DATE: 18/02/2017		SCALE: N.T.D	
DRAWN BY: —	CHECKED BY: —	APPROVED BY: —	
DESIGNER: M. ARSHAD BY: TMM	DESIGNER: ASIM NHALE CORDED	COR: KHALEEM DITD	

S.NO	ITEM	INC	S.NO	ITEM	INC
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84	WAST ADJUSTMENT TAPE	2	97	WAST ADJUSTMENT TAPE	2
85	WAST ADJUSTMENT TAPE	2	98	WAST ADJUSTMENT TAPE	2
86	WAST ADJUSTMENT TAPE	2	99	WAST ADJUSTMENT TAPE	2
87	WAST ADJUSTMENT TAPE	2	100	WAST ADJUSTMENT TAPE	2

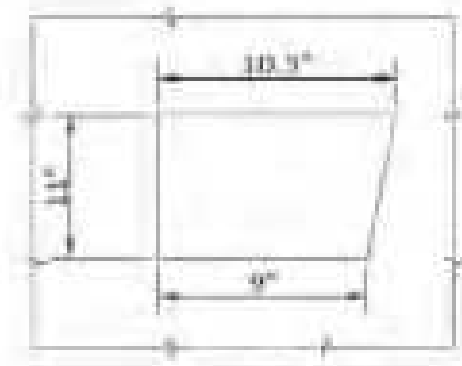
NOTE:
FOR FURTHER DETAILS SEE SCALED SAMPLE.



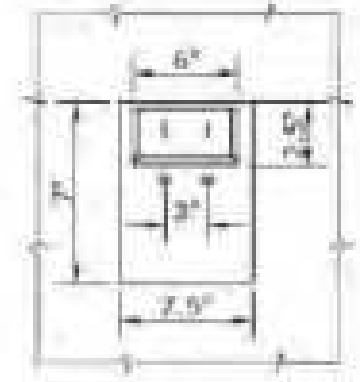
FRONT POCKET



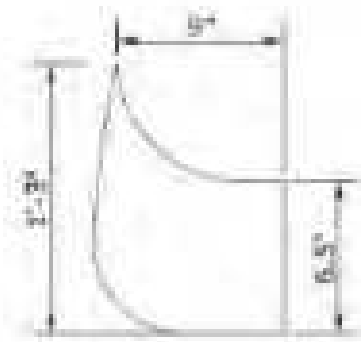
THIGH POCKET



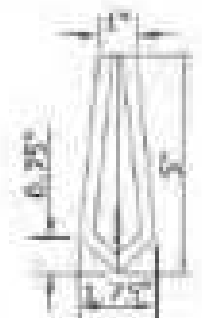
KNEE PATCH



BACK POCKET



HIP PATCH

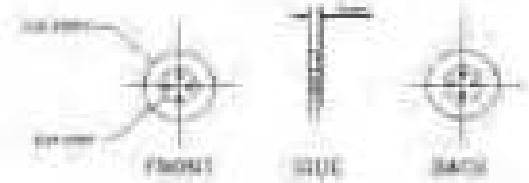


BELT LOOP

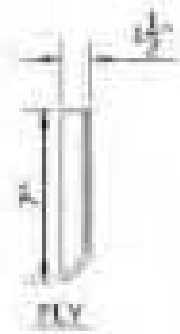


WAIST ADJUSTMENT TAPE

1223



BUTTON
SCALE 1:1



FLY

NOTE:

FOR FURTHER DETAILS SEE SEALED DRAWING.

DITD KARACHI		
TITLE: TROUSER CAMOUFLAGE (SMALL PARTS) SIZE: MF-34		
DRAWING NO. TD-04100017 DIMENSIONS: INCHES		
DATE: 28-12-2017 SCALE: N.T.S.		
DRAWN BY	CHECKED BY	APPROVED BY
—SD—	—SD—	—SD—
H.B/W MUNIRAH EL-DYAN	L.F./DK ADMA SIDRA NO. 682	EDC AZHAR HUS SIS

ANNEX C TO
PN SPECIFICATION NO 03/2018
PROMULGATION DATE 26 April 2018

TECH. DETAILS OF 'PAK NAVY' SOFT TALLY FOR CAMOUFLAGE DRESS PAK
MARINES

S NO	MAIN FABRIC	REQUIREMENT
BASE FABRIC MATERIAL SPECIFICATION		
1.	Material	As per Annex A of this specification
2.	Color	Khaki or Pantone 16-0518 TCX
EMBROIDERY THREAD MATERIAL SPECIFICATION		
1.	Material	100% Viscose
2.	Color	Black Pantone # 19-4006 TCX
3.	Count of yarn	2/36
EMBROIDERY THREAD PERFORMANCE TESTING		
1.	Color fastness to washing (Test No. 3) a. Change in Shade b. Staining	GS: 4 GS: 4
VELCRO TAPE MATERIAL SPECIFICATION		
1.	Material Male Female	Nylon Nylon
2.	Color	Khaki or Pantone 16-0518 TCX
VELCRO TAPE PERFORMANCE TESTING		
1.	Manual Sticking/ Unsticking	a. Satisfactory after sticking and un-sticking 300 times. b. Satisfactory after sticking and un-sticking 300 times on applying weight of 300g.
2.	Peel Strength (lbs per in width)	1.5
3.	Shear strength(PSI)	10

ANNEX D TO
PN SPECIFICATION NO 03/2018
PROMULGATION DATE 26 April 2018

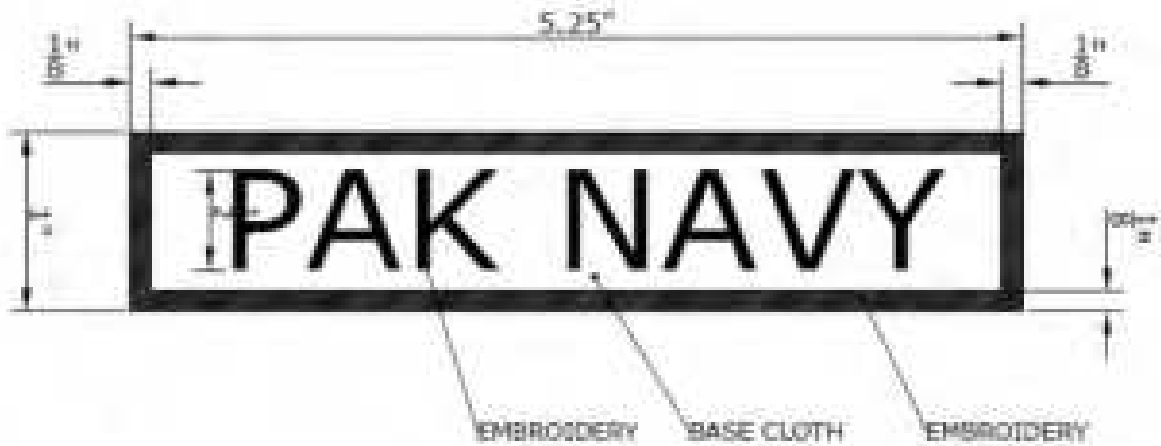
MANUFACTURING DETAILS OF 'PAK NAVY' SOFT TALLY

- 1 PAK NAVY Soft Tally shall be fabricated in accordance with the shape and design as illustrated in the drawing at Appendix I of this Annex.
- 2 The thickness of embroidery shall be 3mm.
- 3 The embroidery shall be neat and clean and all loose ends shall be trimmed off. The embroidery shall be parallel to the centre line of the tally.

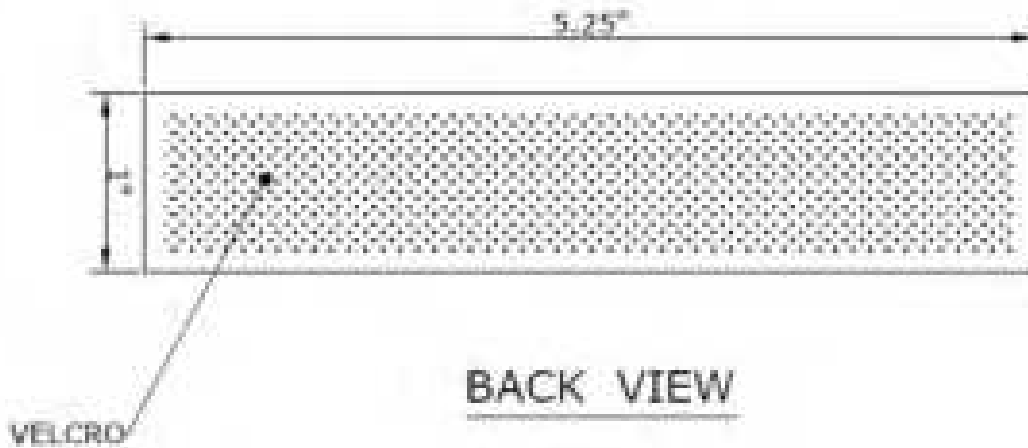
Appendix:

- I DRAWING OF 'PAK NAVY' SOFT TALLY.

APPENDIX I TO ANNEX D TO
 PN SPECIFICATION NO 03/2018
 PROMULGATION DATE 26 April 2018



FRONT VIEW



BACK VIEW

1235

DITD KARACHI

TITLE: SOFT PAK NAVY TALLY FOR CAMOUFLAGE DRESSES

DWG. NO. TD-3428/2018 DIMENSIONS: INCHES

DATE: 21-03-2018 SCALE: N.T.S.

DRAWN BY	CHECKED BY	APPROVED BY
--SD--	--SD--	--SD--
H.D/W M. ASGHAR I/C DWG	LT. CDR ASMA SOHAIL SO, R&D	CDR AZHAR MIR DITD

NOTE:
 FOR FURTHER DETAILS SEE STOCK SAMPLE

ANNEX E TO
PN SPECIFICATION NO 03/2018
PROMULGATION DATE 26 April 2018

TECHNICAL DETAILS FOR CAMOUFLAGE JOCKEY / SEA CAP

S NO	ITEM	REQUIREMENT
BASE FABRIC MATERIAL SPECIFICATION		
1.	Material specification	As per Annex A of this specification
STITCHING THREAD MATERIAL SPECIFICATION		
1.	Material	Polyester
2.	Color	Green or Pantone 19-0315 TCX
3.	Count of yarn	26/3 3/22.7 Tex \pm 3%
4.	Construction	3 cord each single
STITCHING THREAD PERFORMANCE TESTING		
1.	Color fastness to washing (Test No. 3) a. Change in Shade b. Staining	GS: 4 GS: 4
2.	Strength, cN	2680
3.	Tenacity, cN/Tex	39.24
4.	Elongation %	18.53
PLASTIC PEAK MATERIAL SPECIFICATION		
1.	Material	Plastic (virgin)
2.	Thickness	1.5 -1.7 mm
3.	Hardness	97 \pm 1 IRHD
4.	Density	0.92 g/cc \pm 0.01
CARE LABEL MATERIAL SPECIFICATION		
1.	Material	Polyester with visible printing which remain satisfactory after washing test.
2.	Shade	Nearest to ground fabric color i.e. Khaki
EMBROIDERY THREAD MATERIAL SPECIFICATION		
1.	Color	Black Pantone# 19-4006 TCX
2.	Material	Viscose
3.	Count of yarn	2/44 \pm 2
<u>EMBROIDERY THREAD PERFORMANCE TESTING</u>		
1.	Color fastness to washing Test No. 3 1. Change in Shade 2. Staining Cotton	GS: 4 GS: 4

	Wool	GS: 4
<u>VELCRO TAPE MATERIAL SPECIFICATION</u>		
1.	Material Male Female	Nylon Nylon
2.	Color	Khaki or Pantone 16-0518 TCX
<u>VELCRO TAPE PERFORMANCE TESTING</u>		
1.	<u>Performance Test</u> 1. Before sticking / unsticking 300 times at 300 g. 2. After sticking / unsticking 300 times at 300g.	Satisfactory Satisfactory
2.	Peel Strength (lbs per in width)	1.5
3.	Shear strength(PSI)	10

ANNEX F TO
PN SPECIFICATION NO 03/2018
PROMULGATION DATE 26 April 2018

MANUFACTURING DETAILS OF CAMOUFLAGE JOCKEY / SEA CAP

- 1 Camouflage Jockey / Sea Cap shall be fabricated in accordance with the shape and design as illustrated in the drawing at Annex C.
- 2 It is a 6 panel style Jockey Cap. The panels are stitched with each other using double needle stitch neatly using 10-12 SPI.
- 3 Phippen used on inner side of Cap is 10mm wide of same fabric used in upper of cap.
- 4 Velcro tape used for adjustment of cap shall be 2.5 cm of best trade quality. The color of Velcro and embroidery on eyelets shall be Khaki or Pantone 16-0518 TCX.
- 5 The dia of top Button is 16mm and it is covered with same fabric used in upper of cap.
- 6 Sweat absorbing band and inner side of peak shall be of same upper fabric.
- 7 Care label and identification label may be attached with the sweat absorbing band.

Appendices:

- I MEASUREMENT SCHEDULE OF CAMOUFLAGE JOCKEY / SEA CAP.
- II DRAWING OF CAMOUFLAGE JOCKEY / SEA CAP.

APPENDIX I TO ANNEX F TO
PN SPECIFICATION NO 03 /2018
PROMULGATION DATE 26 April 2018

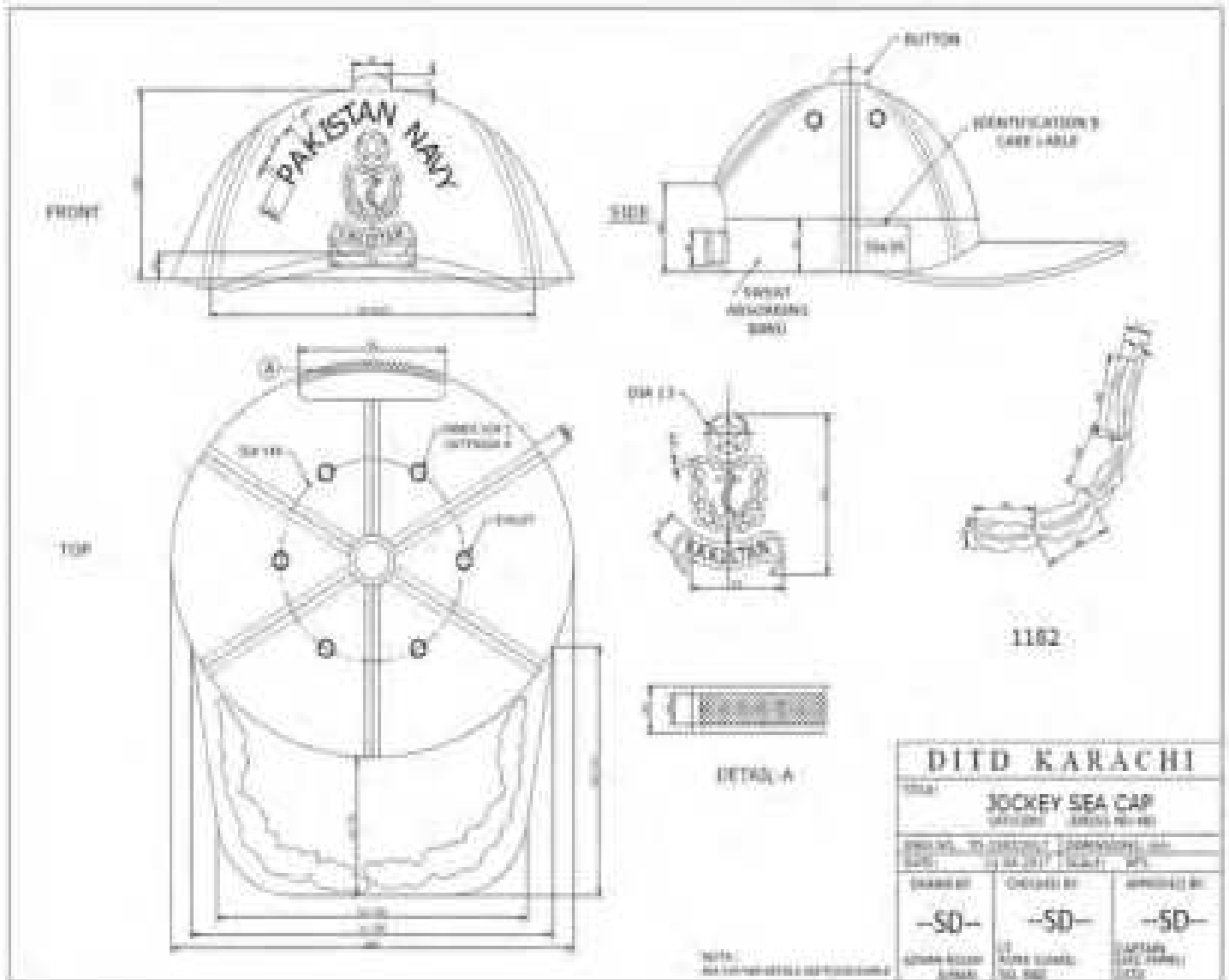
MEASUREMENTS AND DIMENSIONS OF JOCKEY CAP

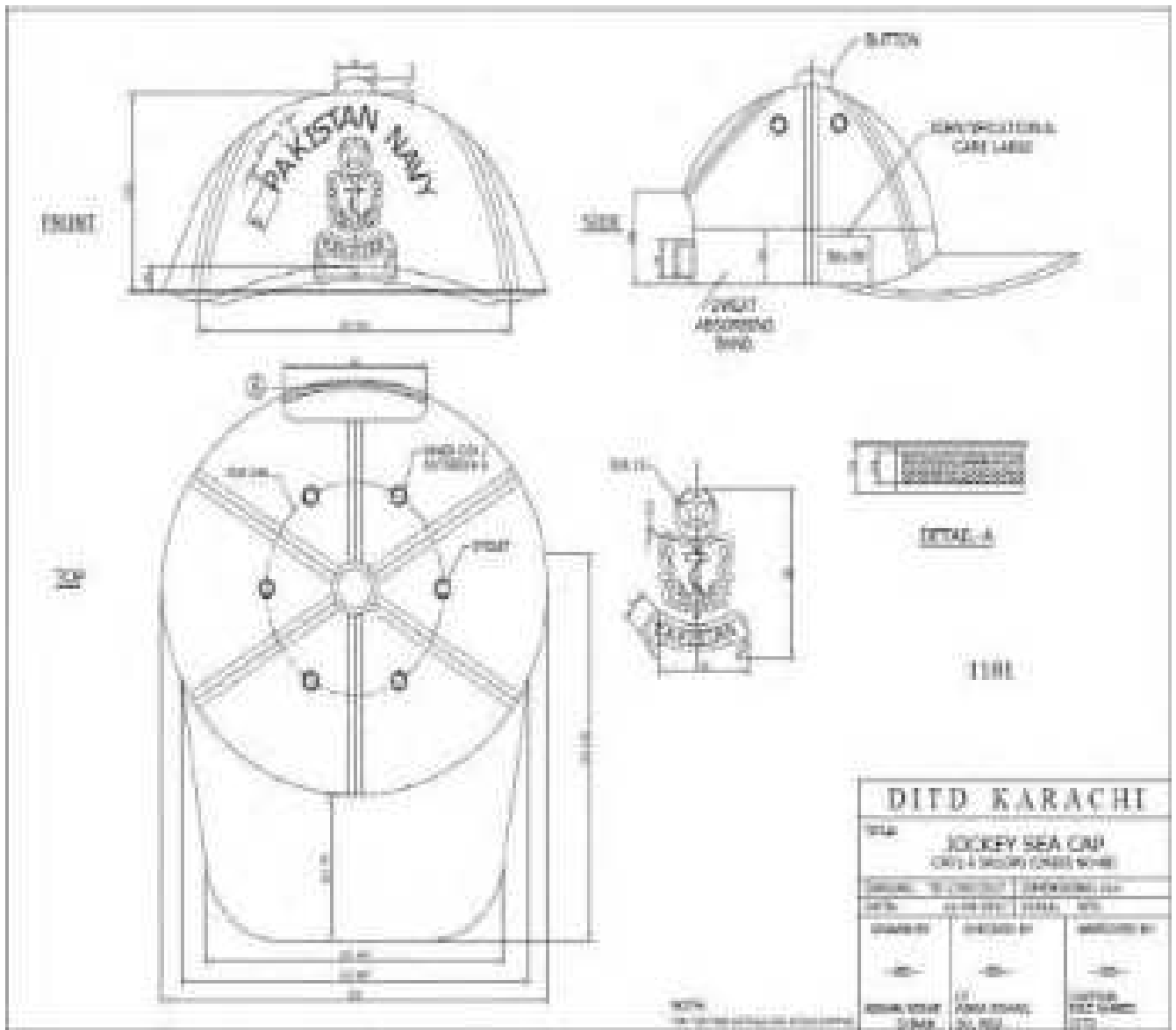
S.No.	DESCRIPTIONS	SIZE CM				TOLERANCE
	Internal circumference	55	57	59	61	<u>+0.5</u>
a.	Peak width from center	7.5	7.5	7.5	7.5	<u>+0.2</u>
b.	Peak width from edges	13	13	13	13	<u>+0.2</u>
c.	Peak Length from bottom edges	16	16	16	16	<u>+0.2</u>
d.	Peak Length from top edges	18	18	18	18	<u>+0.2</u>
e.	Height of Cap	12	12	12	12	<u>+0.5</u>

Note:

The tolerances are given only for made up caps to cover the stitching allowance. Manufacturer will ensure exact size.

APPENDIX II TO ANNEX F TO
 PN SPECIFICATION NO 03 /2018
 PROMULGATION DATE 26 April 2018





ANNEX G TO
PN SPECIFICATION NO 03 /2018
PROMULGATION DATE 26 April 2018

TERMS & DEFINITIONS

1. **Inspection Authority** Chief Inspector of Naval Stores (CINS). His verdict in respect of inspection matters is to be taken as final.
2. **Inspecting Officer**. An officer nominated by the Chief Inspector of Naval Stores (CINS) for carrying out inspection of stores supplied by the supplier, against a specified contract or order, in accordance with the particulates stipulated therein.
3. **Inspector**. The term inspector shall include the “Inspection Authority”, inspecting officer and their representatives, duly authorized for the purpose of discharging inspection duties involved.
4. **Sealed Pattern**. It denotes a pattern, sealed and signed by the Inspection Authority & held in his custody, and represents the standard of store in respect of materials, dimensions, design, workmanship and finish, etc. There is only one sealed pattern for each store, which cannot be removed from custody of the inspection authority.

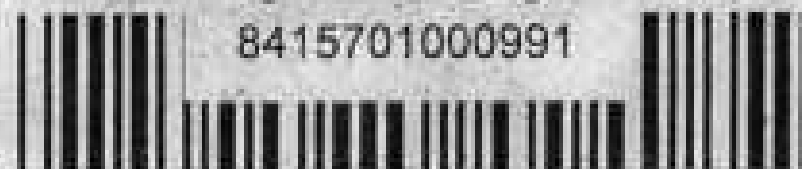
ANNEX H TO
PN SPECIFICATION NO 03 /2018
PROMULGATION DATE 26 April 2018

GUDELINES FOR INSPECTION – GENERAL DEFECTS

Defect	
1.	<p><u>Material Defect and Workmanship Damages</u></p> <p>a. Any hole, scissor or knife tear, mend, burn or weakening defect, such as smash, multiple float, loose slub, or needle chews, that might develop in to hole.</p> <p>b. Cloth stiffened, hardened, or seared by heat, where thermo activated shade.</p> <p>c. Any garment portion puckered, twisted, or pleated at joining seam.</p>
2.	<p><u>Shaded Parts</u></p> <p>a. Any part shaded or any shade bar.</p>
3.	<p><u>Colour</u></p> <p>a. Any component of not specified color.</p>
4.	<p><u>Cleanliness</u></p> <p>a. Any slub, spot, or stain on outer side.</p> <p>b. Threads end not trimmed or loose threads ends not removed (to be scored only when condition exists on major portion of garment).</p> <p>c. Any shade identification stamping visible on outer side.</p>
5.	<p><u>Component and Assembly</u></p> <p>a. Any component not as specified or any defect of component or defect of assembly not herein classified.</p> <p>b. Any component, component part, or required operation omitted or any other operation improperly performed not herein specified/ classified.</p>
6.	<p><u>Seams and Stitching</u></p> <p>a. Any seam twisted, puckered, or pleated (unless otherwise classified herein).</p> <p>b. Any part of Jacket and Trouser caught in unrelated operation or stitching.</p> <p>c. Any edge not properly forced out, i.e, having fold more than specified.</p>

- d. Ends of stitching that are not caught in other seam or stitching not securely tacked.
- e. Ends of seams or stitches that are not caught in other seams or stitching secured but backstitched for distance less than specified.
- f. Thread breaks not securely overstitched.
- g. Stitching tension tight resulting in breakage of stitches when normal pull is applied.
- h. Stitching per 20 mm on major portion of seam one or two stitches more or less than specified, except on labels.
- j. Stitches per 20 mm on major portion of seam more than three stitches more or less than specified, except on labels.
- k. Any bar tacks omitted, loose, misplaced or not serving intended purpose.
- m. Skipped or broken stitches on one sewn eyelet.
- n. Skipped or broken stitches in two or more sewn eyelets.
- p. Stitch tension loose resulting in loose seam.
- q. Stitches in sewn eyelet one or two stitches less than specified.

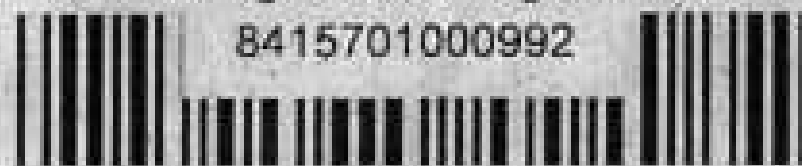
Jacket Weather Proof Digital Camouflage Pak Marines Size Small



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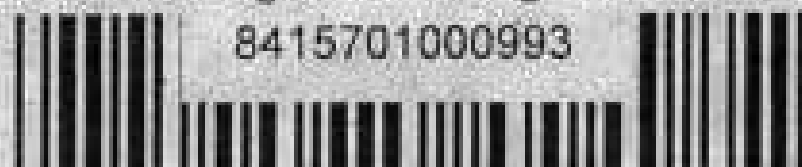
Jacket Weather Proof Digital Camouflage Pak Marines Size Medium



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001185

Jacket Weather Proof Digital Camouflage Pak Marines Size Large



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001186

General Requirements/ Conditions

ANNEX 'B' TO

Indent No. 425043

Indent Date. 2024-11-19

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>1 SCOPE OF SUPPLY/ WORK</p> <p>The Supplier undertakes to deliver equipment/goods/stores including Supplies and Services to the Purchaser on FOR/ FOB Karachi basis as per INCOTERMS 2020 as per details specified in Annex-A (Technical Specifications) and General Terms and Conditions given at Annex-B to this Indent.</p> <p>The Supplier shall, in accordance with the terms and conditions as set forth in the Indent, with due care and diligence, provide the equipment/goods/stores and supply the Services within the date(s) specified in the Project Time Schedule.</p>		
<p>2 PERFORMANCE BANK GUARANTEE (PBG)</p> <p>To ensure timely and correct supply of stores, the Supplier shall furnish an unconditional and irrevocable PBG within 30 days of contract signing from a scheduled Pakistani Bank for an amount equivalent to 10% of the contract value (on a Judicial Stamp Paper of the value of Rs.100.00), in the same currency as that of the Contract and endorsed in the favour of CMA(DP) Rawalpindi. The CMA(DP), Rawalpindi has the like power of seeking encashment of the PBG as if the same has been demanded by the Purchaser himself. This PBG shall remain valid for 60 days beyond the completion of warranty period.</p> <p>If the Supplier fails to issue the Bank Guarantee within the specified period because of circumstances that the Supplier is responsible for, the Purchaser reserves the right of cancelling the Contract.</p> <p>In the event of any material breach of terms of Contract having implication on Time schedule and Scope of Work beyond the acceptable limits defined in this Contract, the Supplier shall be given a written notification to satisfy the breach within 30 days and if the Supplier fails to take satisfactory remedial</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>actions, Purchaser shall have the right to forfeit the PBG but only to the extent of Purchaser"s loss or damage resulting from such material breach. For this purpose, the Supplier undertakes not to hinder/restrain encashment of PBG provided to the Purchaser on account of this contract through any Court, extra judicial or any other process including administrative in nature whatsoever.</p>		
<p>3 PRICES OF THE ITEMS</p> <p>The Supplier should mention the price of all deliverables (i.e. Equipments/ Services, Spares, Documentation, Test Bench/ Tools/ Test Equipment, Trainings, FATs (Factory Acceptance Trials), Installation/ Integration, Acceptance Test/ Trials/ Commissioning etc where applicable) separately in financial quote. The same are to be subsequently incorporated in the contract document.</p>		
<p>4 TRANSFER OF TITLE AND RISK</p> <p>Risk of loss and damage to the Equipment shall be transferred to the PURCHASER according to the „INCOTERM 2020 used in the Contract and stated in Article 1.</p> <p>Title to the Equipment shall be transferred to the Purchaser when the Supplier has received full payment of the Contract Price.</p>		
<p>5 WARRANTY/ GUARANTEE</p> <p>a. Warranty period of all items except defective/non-operational shall commence from the date of acceptance of Goods/ Equipment, whereas warranty of defective/non-operational equipment (at the time of commissioning/ acceptance) shall commence after defect rectification of equipment.</p> <p>b. The stores and all its associated accessories should be warranted against DPL-15 by the Supplier for a period of 01 year, for all defects in hardware from the date of final acceptance by PN. Software provided with the systems should also have warranty for a minimum period of 05 years for any bugs found in operations. The Supplier shall provide/incorporate all software updates in this period.</p> <p>c. The Supplier should provide guarantee that the article supplied are of latest version and all</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>modifications/up gradation have been incorporated in the equipment being supplied.</p> <p>d. The Supplier should provide guarantee that the stores produced are of current production and brand new, in accordance with approved drawing, and in all respects. The materials used, whether or not of his manufacture should also be in accordance with the latest appropriate standard specifications.</p> <p>e. The Supplier shall provide guarantee for through life supportability of the equipment and software for at least 05 years after acceptance of the entire system.</p>		
<p>6 NON DISCLOSURE AGREEMENT</p> <p>Any information about the sale/ purchase/ services/ drawings/ infrastructure etc of the project under the contract shall not be communicated to any person, other than the manufacturer/ provider of the stores/ drawings/ machinery/ equipment/ tools etc or to any press or agency not authorized by the Purchaser to receive it. Any breach on this account shall be punished under the Official Secret Act 1923.</p> <p>Promotional rights for publication of the projects are the sole responsibility of the Purchaser, and any use by the consultant shall be subject, in all instances, to the Purchaser's prior written approval.</p>		
<p>7 INSPECTION OF STORES/ ACCEPTANCE TEST PROCEDURE</p> <p>The stores shall be accepted and inspected by following officers/ Reps:</p> <p>(1) Rep of CINS</p> <p>b. Above team shall inspect and test the goods to on Supplier their conformity to the contract specifications.</p> <p>c. The conditions of the contract and technical specifications shall specify inspections/ tests criteria as required by the Purchaser and place of conduct.</p> <p>d. Purchaser shall notify the Supplier in writing of the identity to any representatives entrusted for this purpose.</p> <p>e. If any inspected or tested goods fail to</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>conform to the specifications, Purchaser may reject them and the Supplier shall either replace the rejected goods or make alterations necessary to meet specification requirements free of cost to Purchaser.</p> <p>f. Purchaser"s right to inspect, test and where necessary, reject the goods after arrival in Pakistan shall in no way be limited or waived by reasons of the goods having previously been inspected, tested and passed by Purchaser or its representative prior to the goods shipment from the country of origin.</p>		
<p>8 DISCREPANCY</p> <p>The Supplier shall render a discrepancy report to all concerned within 30 days after receipt of stores for discrepancies found in the consignment. The quantities found short or defective are to be made by the Supplier, without any additional cost on "DDP "consignee"s warehouse "within 30 days.</p>		
<p>9 COMPENSATION ON BREACH OF CONTRACT</p> <p>If the Supplier fails to supply of contracted stores or contract is cancelled either on RE or without RE or contract become ineffective due to default of Supplier/ Supplier or stores/ equipment declared defective and caused loss to the Government, Supplier shall be liable to pay to the Government compensation for loss or inconvenience resulting for his default or from the rescission of his contract when such default or rescission take place such compensation shall be in excess to the RE amount, if imposed by the competent authority. Compensation amount in terms of money shall be decided by the purchase officer and shall be deposited by Supplier/ Supplier in Government treasury in the currency of contract.</p>		
<p>10 PENALTY</p> <p>a. The Supplier before making the shipment shall carry out complete test of the equipment at its facilities to ensure that the same has been manufactured as per specifications. In case the equipment does not pass the test/ trials, Purchaser has the right to outright reject the equipment or impose penalty at the rate of 10 - 15% of the value of the relevant equipment/ items.</p> <p>b. The penalty shall not absolve the Supplier to</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
undertake the repairs in Pakistan or abroad at his cost and expense including freight charges. This shall be in addition to the penalties and obligations covered in the contract like warranty/ guarantee obligations on Form DPL-15.		
<p>11 CONTRACT COMPLETION CERTIFICATES</p> <p>Upon completion of all contractual obligations under this Contract, the Supplier shall submit a “No Demand Certificate” to the Purchaser stating that no stores/ goods, Supplies, Services and payments are outstanding. Concurrently, the Purchaser shall certify through a “No Objection Certificate” that the requirement placed by the Purchaser as per terms and conditions set forth in this Contract has been fulfilled. Specimen of Contract Completion Certificate/ No Demand Certificate shall be added in the contract prior contract signing. Upon receipt of both certificates, Bank Guarantee(s) shall be returned by CMA(DP) to the Purchaser for onward return to the Supplier.</p>		
<p>12 COMPLIANCE WITH INTERNATIONAL STANDARDS</p> <p>The Goods/Equipment shall comply with all relevant ISO standards stipulated in the Contract and valid on the date of signature of the Contract. The Parties agree that any variation of any ISO standard after signature of the Contract is deemed explicitly not to be a circumstance within the responsibility of the Supplier. Implementation of any variations to the relevant ISO standards for the purpose of operating the Equipment shall be agreed between the Parties within the contractual change management procedure, prior to realization.</p>		
<p>13 TECHNICAL SCRUTINY</p> <p>Technical scrutiny of quotations forwarded by the bidder shall be carried out by a committee nominated by CO PNCS D as per instructions of NHQs. The TSR committee may ask the Suppliers to demonstrate their equipment or give a presentation for clarification. TSR committee may also visit the OEM premises at the invitation/expense of the Supplier to evaluate the manufacturing/system"s capabilities of the OEM.</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>14 DELAYS AND LIQUIDATED DAMAGES (LDs)</p> <p>Following Liquidated Damages shall apply for late completion of Consultancy Services as given in the Contract:</p> <p>a. Delay in the completion of all contracted stores/ deliverables up to Twenty One (21) days and for subsequent schedule/orders up to 15 days (from the original Delivery Period only) shall be regarded as “grace period” and no extension/ amendment shall be required. When LD is imposed, grace period shall be inclusive.</p> <p>b. For delays beyond the Grace period of Twenty One (21) days culpably caused by consultant, Purchaser shall have the right to impose LDs.</p> <p>LD, if imposed shall be recovered at the rate of up to 2% but not less than 1% (depending upon the merit of the case as decided by Competent Purchase Officer) of the value of stores supplied late per month or a part of a month for the period exceeding the original delivery period are liable to be imposed on the Supplier by the Purchaser in accordance with DPP&I-35 (Revised 2019), if the stores/ services supplied after the expiry of the delivery date without any valid reasons, subject to provision that the total LD thus imposed shall not exceed 10% of the total value excluding taxes/ duties, freight, KPT, insurance charges of the stores delivered late.</p>		
<p>15 BIDDING PROCEDURE</p> <p>This tender shall be floated on Open Tender using Single Stage Two Envelope Bidding procedure.</p>		
<p>16 LANGUAGE, MEASUREMENTS AND WORKING METHODS</p> <p>All drawings, data-files in soft media, Man-Machinery Interface (MIMI) of software and hardware, all marking and identification systems and all other documentation required to be produced or delivered to the Purchaser under the Contract shall be written, and meetings conducted, in the English language. Measurements shall be in metric units of measurement unless otherwise specified.</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>17 INTEGRITY PACT</p> <p>Integrity Pact duly signed by the Supplier and Purchaser. The principal/Supplier must strictly adhere to the provisions of this pact and any contravention in this regard would be dealt with severely, which may include (but not limited to) Permanent blacklisting of the principal / Supplier and/or initiation of criminal proceedings against the persons / individuals involved in a court of law.</p>		
<p>18 AMENDMENT IN CONTRACT</p> <p>Amendment in the contract if required shall be processed by Purchaser upon mutual agreement of both parties i.e. Purchaser and Supplier and formally issued through amendment in the contract/corrigendum.</p>		
<p>19 FORCE MAJEURE</p> <p>The Supplier shall not be held responsible for any delay occurring in delivery of the Goods, Supplies and Services due to event of Force Majeure, such as acts of God, war, terrorist activities, floods, earthquakes, tsunamis and other such events like, Pandemics, Lock down, acts of Governments or any other authority competent in relation to any action in connection with this Contract (including delay, refusal, denial, revocation or any other decision regarding any Export License/permit), riots, civil commotion, acts of foreign government and its agencies and disturbance directly affecting the deliveries, and events or circumstances, including, but not limited to, any action and/or inaction by or on the part of any other person or entity, on or over which the Supplier has no control. In such an event the Supplier shall inform the Purchaser within 15 (fifteen) days of the happening and within the same timeframe about the discontinuation of such circumstances/ happening in writing.</p> <p>The Party initiating the Force Majeure shall provide the other Party with reasonable proof of the occurrence of any of the aforementioned aspects along with Force Majeure event and of its effects on the delivery of the Supplies or any of its obligations towards this Contract.</p> <p>Once the Party initiating the Force Majeure has provided the reasonable proof of occurrence of</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>Force Majeure event, it shall be verified by the other Party and acknowledged to be realistic. In such case the Force Majeure shall be considered to have occurred.</p> <p>If the delivery of Goods, Supplies and Services to the Purchaser has been delayed by Force Majeure conditions then additional period to the extent of such delay shall be allowed to the Supplier for completion of his obligations so affected without any increase in Contract Price.</p> <p>If Force Majeure is considered present for a continuous period of more than 06 (six) months or exceeding a cumulative period of 12 (twelve) months, then both Parties shall mutually decide future course of action.</p>		
<p>20 TERMINATION OF CONTRACT</p> <p>If at any time during the currency of the contract the Purchaser decides to terminate the contract for any reason whatsoever (other than for reasons of Non-Delivery) he shall have right to do so by giving the Supplier a registered notice to that effect. In that event the Purchaser shall accept delivery at the contract price and terms of such stores/goods/services which are in the actual process of manufacture that is completed and ready for delivery within thirty days after receipt by the Supplier of such notice.</p> <p>In the case of remainder of the undelivered stores/goods/services the Purchaser may elect either:</p> <p>a. To have any part thereof completed and take the delivery thereof at the contract price or.</p> <p>b. To cancel the remaining quantity and pay to the Supplier for the articles or sub-components or raw materials purchased by the Supplier and are in the actual process of manufacture at the price to be determined by the Purchaser. In such a case materials in the process of manufacture shall be delivered by the Supplier to the Purchaser.</p> <p>c. No payment shall however be made for any materials not yet in the actual process of manufacture on the date notice of cancellation is</p>		

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<p>received.</p> <p>d. Should the Supplier fail to deliver goods/services in time as per quality terms of contract or fail to render Bank Guarantee within the stipulated time period or any breach of the contract the Purchaser reserves the right to terminate/cancel the contract fully or any part thereof at the risk and expense (RE) of the Supplier. If due to any reasons Purchaser fails to perform its obligations required and needed for the smooth conduct and management of the Contract, Supplier has a right to initiate legal proceedings.</p>		
<p>21 CONFIDENTIALITY</p> <p>The Supplier and the Purchaser shall keep confidential all information of the other party, whether designated as confidential or not, obtained under or in connection with the Contract and shall not divulge the same to any third party without the written consent of the other party. The provisions of this clause shall not apply to any information in the public domain otherwise than by breach of the Contract; or information obtained from a third party who is free to divulge the same.</p> <p>The Supplier and the Purchaser shall divulge confidential information only to those employees who are directly involved in the Contract or have use of equipment and/or software used in connection with the Contract and shall ensure that such employees are aware of and comply with these obligations as to confidentiality.</p> <p>The Supplier shall undertake that any information about the sale/ purchase of the stores under this contract shall not be communicated to any person, other than the manufacturer/ Supplier/company"s lawyer(s), or to any press or agency not authorized by the Purchaser to receive it. Any breach on this account shall be punishable under the Official Secret Act-1923 in addition to termination of the Contract at the risk and expense of the Supplier.</p>		
<p>22 SECURE EXCHANGE OF CORRESPONDENCE</p> <p>All correspondence pertaining to contract between Supplier and PN shall be on secured media.</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>23 ASSIGNMENT AND SUBCONTRACTING</p> <p>Neither Party shall assign any of its rights or obligations (in whole or in part) under the Contract without the prior written consent of the other Party, which shall not be unreasonably withheld.</p> <p>The Supplier shall not subcontract any part of the Contract without the written consent of the Purchaser, which shall not be unreasonably withheld.</p>		
<p>24 INTELLECTUAL PROPERTY RIGHTS</p> <p>Unless otherwise agreed in writing, all intellectual property rights arising out of this Contract shall vest in the Supplier. The Purchaser shall have a worldwide, non-exclusive, non-transferable, royalty-free license to use, and have used, that intellectual property for any purpose.</p>		
<p>25 OWNERSHIP OF CONTRACT</p> <p>In the event of a change of ownership of Supplier, the Supplier shall ensure that the legal instrument or mode by which the change of ownership takes place shall have specified provisions to the effect that:</p> <p>a. Such change of ownership shall not in any way change, alter or modify the Terms and Conditions of this Contract, and</p> <p>b. The Supplier under new ownership shall continue to be bound by the Terms and Conditions of this Contract.</p>		
<p>26 INDEMNITY</p> <p>In the framework of the implementation of this project, both Parties shall waive off any claim against each other regarding every claim for indemnity for the losses caused to their respective personnel or respective personnel of sub-contractors/agents and their properties. However, if these losses result from deliberate fault or unmistakable error or gross negligence of Supplier or his sub-contractors/agents and/or the Purchaser, the Party involved shall bear alone the burden of the damage repairs.</p>		

<u>S.No and Description</u>	<u>Firm's Reply (Complied) Partialy Complied/Not Complied</u>	<u>Reference to attached Firm's proposal/ Brochure</u>
<p>27 CERTIFICATION REQUIREMENT</p> <p>Supplier/OEM shall confirm through OEM certificate at the time of supply/delivery of the equipment at consignee that equipment being supplied is proven equipment.</p> <p>Supplier through certificate is to confirm that he shall provide import documents at the time of delivery of stores.</p> <p>Supplier certificate for conformance of 100% indent specifications, any deviation to be clearly indicated in the offer shall be provided at the time of delivery of stores.</p> <p>OEM"s "Certificate of Conformity" originating from "Principle" who is neither the OEM nor the OEM"s authorized dealer/agent/stockist shall not be acceptable.</p>		
<p>28 COURT OF JURISDICTION</p> <p>All disputes arising in connection with this contract shall be sorted out through mutual discussions. Unsettled issues may however be dealt with under the Laws of Pakistan. The Courts at Rawalpindi shall be the Courts of Jurisdiction for any dispute relating to this contract for adjudication.</p>		
<p>29 MISCELLANEOUS</p> <p>a. The Supplier should provide the copies of standard/ specifications referred to or used for the equipment and its accessories.</p> <p>b. Stores to be accepted on DPL-15 at consignees end.</p> <p>c. Supplier shall provide a conformance certificate that item supplied conforms to relevant international standards.</p> <p>d. The Supplier should mention the price of all deliverables separately in financial quote. The same are to be subsequently incorporated in the contract document.</p>		
<p>30 CHECKING OF SUPPLIES AT CONSIGNEE'S END</p> <p>Upon arrival, Supplies shall be checked at consignee's end in the presence of the Purchaser and Supplier"s representatives. If for the reasons of</p>		

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<p>economy, or any other reason, the Supplier decides not to nominate his representative for such checking; an advance written notice to this effect shall be given by the Supplier to the consignee prior to or immediately on shipment of stores. In such an event, the Supplier shall clearly undertake that the decision of consignee with regard to quantities and description of the consignment shall be taken, as final and any discrepancy found shall be accordingly made up by the Supplier. In all other cases, the consignee shall inform the Supplier about arrival of consignment immediately on receipt of stores through fax. If no response from the Supplier is received within four (04) working days from initiation of letter through fax, the consignee shall have the right to proceed with the checking without Supplier's representative. Consignee's report on checking of stores shall be binding on the Supplier in such cases.</p>		
<p>31 QUALITY STANDARDS The equipment and accessories are manufactured and assembled in accordance with international standards. The quality standards compliance certificate is to be submitted with the offer.</p>		
<p>32 REPEAT ORDER Supplier shall not increase the cost of stores if additional quantity of same item is purchased in next 12 months after commissioning of the equipment. He may however decrease the cost by considering lower market trend.</p>		
<p>33 RISK PURCHASE In the event of failure on the part of the supplier to comply with the contractual obligations, the contract is liable to be cancelled at the risk and expense of the supplier in accordance with DPP&I-35. The Purchaser shall be entitled to receive back all advance payments made by him along with any other compensation as mutually agreed to offset the Purchaser's risk of cost escalation of meeting same requirement from elsewhere.</p>		
<p>34 PROJECT MANAGEMENT REVIEW (PMR) MEETINGS The Supplier's key professionals, covering the various technical disciplines shall attend, actively participate and cooperate with the Purchaser's request for meetings without any additional cost, which shall include but not limited to the following meetings: a. Design Review Meetings. b. Progress timeline/ payment bills meetings. c. Any other meetings held in relation to the project.</p>		

<p>35. TENDER SAMPLE</p> <p>Tender Sample to be provided as per clause 11 of PN Specification under Heading Tender Sample.</p> <ul style="list-style-type: none"> • Tender sample to be approved by NS • For each contract following material shall be supplied by the manufacturer at time of tendering: <table border="0"> <tr> <td>Finished Garment</td> <td>03 Nos</td> </tr> <tr> <td>Fabric</td> <td>05 Meters</td> </tr> <tr> <td>Fused Buckram</td> <td>01 meter</td> </tr> <tr> <td>Buttons</td> <td>05 Nos</td> </tr> <tr> <td>Stitching Thread</td> <td>50 Grams</td> </tr> <tr> <td>Velcro</td> <td>0.5 meters</td> </tr> <tr> <td>Waist adjustment Tape</td> <td>02 Nos</td> </tr> </table> <p>Lab testing reports w.r.t PN Specification are to be provided for TSR.</p>	Finished Garment	03 Nos	Fabric	05 Meters	Fused Buckram	01 meter	Buttons	05 Nos	Stitching Thread	50 Grams	Velcro	0.5 meters	Waist adjustment Tape	02 Nos		
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Waist adjustment Tape	02 Nos															
<p>36. WORKMANSHIP AND MATERIALS</p> <p>a. All work to be done shall be executed in the manner set out in the Contract. Where the manner of manufacture and execution is not set out in the Contract, the work shall be executed in a proper and workmanlike manner in accordance with recognized good practice. The Supplier shall submit for approval of the purchaser, his detailed method statement(s) for the execution of such items of work as may be desired by the Purchaser. Approval of such method statement(s) shall neither relieve the Supplier of his responsibilities under the Contract nor form any basis for claiming additional costs.</p> <p>b. The Supplier shall give the Purchaser full opportunity to examine, measure and test any work onboard/ Site which is about to be covered up or put out of view. The Supplier shall give due notice to the Purchaser whenever such work is ready for examination, measurement or testing. The Purchaser shall then, unless he notifies the Supplier that he considers it unnecessary, without unreasonable delay carry out the examination, measurement or testing.</p>																
<p>37. TERMS OF PAYMENT</p> <p>100% Contract value of the stores will be paid by the CMA(DP) Rawalpindi to the Supplier. The amount will be claimed direct from CMA(DP) Rawalpindi on production of the following documents, under a covering letter, a copy of which shall be addressed to DP(NAVY).</p> <ul style="list-style-type: none"> a. Bill Form (DP-5 in duplicate) to be completed according to inspection. b. Received copy of the Inspection Note/Delivery Receipt. c. Supplier delivery Chellan duly received by the Consignee. d. Copy Registration Certificate of Sales Tax 																

Department

a. Part payment/Part delivery is allowed.

38. Special Instructions as Annex C

Inspection/Packing/Delivery terms

(1). Inspection by CNS

(2) a. CO PNCSD may order 15% of contracted quantity against DPL-15 to meet urgent/critical requirement, under intimation to CNS, the firm is required to deliver/supplies within 45 days against receipt of such order. Liquidated damages (LD) upto 2% per month are liable to be imposed on the supplier in accordance with DP-35 for late delivery of stores without any valid reason.

b. CNS may draw random samples from the stores received by PNCSD against DPL-15 to ascertain quality, after detailed laboratory analysis, suitable price reduction (PR) as authorized may be applied by CNS for minor deviation/non-conformance from stated PN Specification. In case of major deviation/non-conformance, the stores may be rejected.

(3). Inclusion of Instructions Regarding Disposal of Rejected Uniforms.

a. Contracted firm will be responsible for proper disposal of rejected clothing stores, same are to be amended/destroyed under supervision of PN authorities to prevent their misuse by terrorists/anti-social elements.

b. In case a supplier intends to sale rejected uniform items in local market, the procurement agency will be approached for approval of sample after suitable alteration of military appearance into civilian fashion after approval, CNS will inspect the bulk stores once again clear the lot for disposal in local market.

c. The contractor/ supplier shall submit a certificate/undertaking on firm's letter pad that the firm will be held responsible for any misuse of rejected uniforms.

(4). In case firm is unable to get approval of advance sample within 3 months from date of contract, then contract cancellation should be recommended by CNS or CSD.

(5). Marking of stores in accordance with specification NS/MSG/002/80.

(6). Firm will give two week clear notice for the inspection.

(7). Free delivery to consignee warehouses.

(8). As per NHQs instructions promulgated vide NHQ letter ST- P9314/NS/04 dated 05 April 2006, rejection of stores supplied by contractors will be dealt as under:

<ul style="list-style-type: none"> a. 1st rejection on Govt expense. b. 2nd rejection on supplier's expense c. On 3rd rejection, contract cancellation will be recommended by CINS or CSD. <p>(9) <u>CARE LABEL</u></p> <ul style="list-style-type: none"> a. Washing instructions b. Drying instructions c. Ironing instructions d. Any prohibitions <p>(10) Barcode sticker to be attached on each packet containing Jacket Weather Proof.</p> <p>(11) The purchaser will have the flexibility to extend contract up to 03 months and also can order 15% excess of the total contracted quantity, from the supplying firm at the contract price</p> <p>(12) Purchaser is not bound to lift the entire quantity of contract.</p> <p>(13) <u>PACKING</u> As per PN Specification 05/2019 (amendment letter PNDID/General/9685688 dated 02-08-2024) (copy enclosed).</p>		
<p>39. LIABILITY</p> <p>The supplier shall not be liable under any circumstances to the buyer, its officers, agent, employees, successors and / or assignees, for any special, consequential and / or incidental damage of whatsoever kind or nature, including, without limitation, any loss, cost, damage loss of revenue or profit or loss of user, incurred or suffered by the buyer or any third party arising out of or in connection with this contract. The foregoing shall not affect buyers right to claim compensation against the supplier for damages suffered by the buyer arising directly from the performance, bad performance or non-performance of the suppliers duties and / or obligations under the contract provided however that the aggregate liability of the suppliers in connection with this contract for any cause whatsoever including indemnity and risk purchase, shall not exceed hundred percent (100%) of the total price actually paid to the supplier under this contract.</p>		
<p>40. CORRUPT GIFTS COMMISSIONS</p> <p>The Supplier shall not:</p> <ul style="list-style-type: none"> a. Offer or give or agree to give to any person in the service of the Purchaser any gift or consideration of any kind as an inducement or reward for doing or forbearing to do for having done or forborne to do any act in relation to the obtaining or execution of this Contract or for showing or forbearing to show favour or disfavor to any person in relation to this Contract. b. Enter into this or any other Contract with the Purchaser in connection with which commission has been or agreed to be paid by him or on his behalf, or to his knowledge, unless before the Contract is made, particulars of any such commission and of any 		

agreement for the payment therein have been disclosed in writing to the Purchaser

41. PROJECT SCHEDULE

The Contract shall be executed in accordance with the dates in the Project Schedule. In case of delayed performance of any other dates or periods the Supplier shall strive to compensate such overruns in order to finally meet any subsequent binding dates. If by reason of any change order, or of any act or omission on the part of the Purchaser, or any event of force majeure the Supplier shall be delayed in the completion of the Contract then provided that the Supplier shall as soon as reasonably practicable have given to the Purchaser notice of his claim for an extension of time with supporting details, the Purchaser shall on receipt of such notice grant the Supplier an extension of time as may be reasonable.

42. CUSTOMS, IMPORT DUTIES, TAXES AND OTHER CHARGES

The Purchaser shall pay all applicable customs, import duties taxes and other charges due on the Equipment payable upon its importation into the country of destination. The Supplier shall pay all taxes, assessments, duties, levies or charges levied in the country of the manufacturer of the Equipment in connection with the supply by the Supplier of Equipment and Services.

All amounts stated to be payable by Purchaser pursuant to this Contract exclude any value added tax (VAT), sales tax, service tax, taxes on turnover or similar taxes. If the supply of Equipment or Services hereunder are chargeable to any value added tax, sales tax, service tax, taxes on turnover or similar taxes inside country of destination, and such taxes are not recoverable by the Supplier then such taxes shall be paid and borne by the Purchaser.

Purchaser shall pay and bear all other taxes, assessments, duties, levies or charges by whosoever levied in the country of destination of the Equipment. If Purchaser is required by any law to make any deduction or withholding from any amount payable to Supplier under this Contract, then the sum payable in respect of which such deduction or withholding is required to be made shall be increased to the extent necessary to ensure that, after the making of such deduction or withholding, Supplier shall receive (free from any liability in respect of any such deduction or withholding) a net sum equal to the amount which it would have received had no deduction or withholding been required to have been made. Purchaser shall pay any such withholding or deduction to the relevant authority as required by law and shall promptly provide Supplier with an official receipt or certificate in respect of the payment of the withholding or deduction.

DP-3

Tender No R2412330254

Name of the Firm.....
 DGDP Registration No.....
 Mailing Address.....
 Date.....
 Telephone No.
 Official E-Mail.....
 Fax No
 Mobile No of contact person.....

To:

Directorate of Procurement (Navy)
 through Bahria Gate Near SNIDS
 Center, CDA Market
 at Naval Residential Complex
 Sector E-8, Islamabad
 Tele : 051-9262314
 Email : adpn33@paknavy.gov.pk

Dear Sir, 1. I/We hereby offer to supply to the Director of Procurement (Navy) the stores detailed in schedule to the tender inquiry or such portion thereof as you may specify in the acceptance of tender at the prices offered against the said schedule and further agree that this offer will remain valid up to 120 day and will not be withdrawn or altered in terms of rates quoted and the conditions already stated therein or on before this date. I/we shall be bound by a communication of acceptance to be dispatched within the prescribed time. 2. I/We have understood the Instructions to Tenders and General Conditions Governing Contract in Form No. DDP&I (Revised-2019) included in the pamphlet entitled, Government of Pakistan, Ministry of Defence (Directorate General Defence Purchase) "General Conditions Governing Contracts" and have thoroughly examined the specifications/drawings and/ or patterns 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. 3. The following pages have been added to and form part of this tender:

- a.
- b.
- c.

YOURS FAITHFULLY,

.....
 (SIGNATURE OF TENDERER)

 (CAPACITY IN WHICH SIGNING)
 ADDRESS:.....
 DATE.....
 SIGNATURE OF WITNESS.....
 ADDRESS.....

*Individual signing tender and/or other documents connected with a contract must specify:-

- (a) Whether signing as “Sole Proprietor” of the firm or his attorney.
- (b) Whether signing as a “Registered Active Partner” of the firm or his attorney.
- (c) Whether signing for the firm “per procuracy”.
- (d) In the case of companies and firms registered under the Act, 1913 as amended up-to-date and under the Partnership Act 1932, the capacity in which signing e.g., the Director, Secretary, Manager, Partner, etc. or their attorney and produce copy of document empowering him so to sign, if called upon to do so.
- (e) Principal’s proforma invoice (in original)
- (f) Earnest money
- (g) Treasury Challan Form for tender Fees as applicable

NECESSARY DATA FOR ISSUANCE OF CONTRACTS ON EARNEST MONEY

IMPORTANT

Each column must be filled in with BLOCK CAPITAL LETTERS,
incompletion shall render disqualification.

1. Name : _____
2. Father's Name : _____
3. Address (Residential) :

4. Designation in Firm :

5. CNIC : _____
(Attach Copy of CNIC)
6. NTN : _____
(Attach Copy of NTN)
7. Firm's Address :

8. Date of Establishment of Firm :

9. Firm's Registration Certificate with FBR/Chamber of Commerce/Registrar of Companies.
(Attach Copy of relevant CERTIFICATE)
10. In case PARTNERSHIP (Attach particulars at serial 1,2,3,4,5 and 6 of each partner).

(Kindly fill in the above form and forward it under your own letter head with contact details)