

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

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Contact: For General Queries 051-9262306, Bahria Gate 0331-5540649.
 Email: adpn33@paknavy.gov.pk

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

Tender No and Date R2601/330458
 Tender Description COVERALLS-FLYER (08 X LINE ITEMS)
 IT Opening Date 02/03/2026
 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 Envelopes as per details given below:

Sealed Envelop 1 – Technical Offer in Duplicate			
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 Chaitan 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 filed (with compliance remarks)		
5	Annex B & C of IT (with compliance remarks)		
6	DP-3 Form of IT (duly filed & 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 Filing Proof		
Sealed Envelop 2 – Earnest Money			
This Envelop must contain Earnest Money only.			
Sealed Envelop 3 – Commercial Offer			
This Envelop must contain following documents:			
1	Firms Commercial Offer	01 x Original	
2	Principal Invoice (where applicable)	01 x Original	
3	Duly filed 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: For General Queries: 051-8262306

Bahria Gate: 0331-5540649

Section: 051-8262314

Email: adpn33@paknavy.gov.pk

Ms _____

Dated :

INVITATION TO TENDER AND GENERAL INSTRUCTIONS

Dear Sir / Madam,

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. 051-8270967 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
agreedUnderstood
not agreed

3. Conditions Governing Contracts The 'Contract' made as result of this IT (Invitation to Tender) i.e. 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 those 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
agreedUnderstood
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 or brochure	In case of non availability of proof from 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: For General Queries: 051-9262306

Bahria Gate: 0331-5540649

Section: 051-9262314

Email: wdpr33@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 051-9271488 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-28.

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.

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
<input type="checkbox"/>	<input type="checkbox"/>

9 Quoting of Rates. Only one rate will be quoted for entire quantity, firm 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
<input type="checkbox"/>	<input type="checkbox"/>

10. Return of IT. ITs are to be handled as per following guidelines:

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.

Understood agreed	Understood not agreed
<input type="checkbox"/>	<input type="checkbox"/>

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
<input type="checkbox"/>	<input type="checkbox"/>

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

- Proof of firms financial capability.
- Foreign Seller has to provide its Registration Number issued by respective Department of Commerce authorizing export of subject stores.
- Principal/Agency Agreement.
- Registration with DGDP (Provisional Registration is mandatory)

Understood agreed	Understood not agreed
<input type="checkbox"/>	<input type="checkbox"/>

13. Treasury Challan.

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).

Understood agreed	Understood not agreed
<input type="checkbox"/>	<input type="checkbox"/>

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 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 cell 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 filed copies of SVA-8121 of each member of management.	Three filed copies of SVA-8121-D of each member of management.
b.	Three filed copies of SVA-8121-A	Three filed 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.	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 or as per terms of the contract.

Understood agreed	Understood not agreed
<input type="checkbox"/>	<input type="checkbox"/>

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
<input type="checkbox"/>	<input type="checkbox"/>

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

Understood agreed	Understood not agreed
<input type="checkbox"/>	<input type="checkbox"/>

- 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 duty.
 - (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.

<input type="checkbox"/>	<input type="checkbox"/>
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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
<input type="checkbox"/>	<input type="checkbox"/>

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

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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 GSD/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.e. 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 OGDP and legal action against the individual (s) involved as per Pakistan's 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.

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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 / sefer 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.

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.

Understood
agreed

Understood
not agreed

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

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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	Category 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. 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 www.dgdp.gov.pk. These firms can participate in tender law 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/CNIC 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 of 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/condition of the contract or add/delete any term/condition to/from this contract without making any reference to us. We do not reserve any right to receive any such amendment/alteration 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 is 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)

9

AFFIDAVIT/UNDERTAKING
(WORTH RS. 100/- ON JUDICIAL 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 (DGGP) 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. 2580242/R2601330458. This tender will be closed for acceptance at 1030 Hours and Will be opened at 11:00 Hours on 2026-03-02. 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	0000010438380 COVERALL FLYER LENGTH 58 INCH ROUND CHEST 36 INCH Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B	70.0 EACH		
2	0000010438381 COVERALLS FLYERS LENGTH 60 INCH ROUND CHEST 36 INC Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B	280.0 EACH		
3	0000010438383 COVERALLS FLYERS LENGTH 59" ROUND CHEST 38" Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B	30.0 EACH		
4	0000010438384 COVERALLS FLYERS LENGTH 62" ROUND CHEST 38" Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B	260.0 EACH		
5	0000004910872 COVERALLS FLYERS LENGTH 60" ROUND CHEST 40" Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B	30.0 EACH		

S NO	DETAIL OF STORES	QTY	UNIT PRICE	TOTAL PRICE
6	0000010438387 COVERALLS FLYERS LENGTH 62" ROUND CHEST 40" Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B:	135.0 EACH		
7	0000010438529 COVERALLS FLYERS LENGTH 62" ROUND CHEST 42" Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B:	60.0 EACH		
8	0000010438392 COVERALLS FLYERS LENGTH 64" ROUND CHEST 44" Detailed: Technical Specification Special Instructions: As Per Annex A General Instructions : As Per Annex B:	25.0 EACH		
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 GEM Indigenous
3. Origin of Stores Indigenous
4. Technical Scrutiny Report Required
5. Delivery Period 100% within 03 x months after signing of the contract.
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 One Envelope 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 cell 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 active Taxpayers 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. Indents having single item with different sizes will be dealt as a package depending upon overall cost/ lowest bid.

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

SPECIFICATION

1. Advance Sample for Cloth and Garment (Coverall Flyer) are to be approved by CINS/ End User.
2. MIL-C-83141A for Coverall
3. MIL-C-83141B for Cloth
4. Color Shade: Freedom Sage Green
5. Requirement of provision Anti-static conformity certificate and material composition reports at the time of inspection may be endorsed in the contract document.



PAKISTAN NAVY SPECIFICATION T-001/85
Promulgation Date: October 2005

COVERALL FLYING

Promulgated by:

Directorate of Indigenous
Technical Development (South)
Projects Branch
Naval Headquarters
10, Lascar Barracks
KARACHI
Tele: 56036113
Fax: 9001486

AMENDMENT RECORD

Amend No	Date	Text Affected	Signature and Date
24	17 Dec 11	Responsibility test Page 17	

REVISION NOTE

The specification has been prepared to bring the test methods and procedures into line with up to date PN requirements and facilities held in Pakistan. CNS may request to amend any test requirement/ test procedure in light of the experience emanating from its operation being through the process placed at Annex B. However, such an alteration will be effective when the amendment is promulgated by this Directorate, and will be effective in the conduct which commences after the promulgation date of respective amendment.

DESIGNATION

1. Coverall Flying

USAGE

2. By Account for Flying Purpose

INTRODUCTION

3. This specification is promulgated by Directorate of Indigenous Technical Development, Naval Headquarters, 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 IED Directorate, however, it cannot be implemented without prior approval of DTIC. This specification supersedes all other specifications promulgated earlier in relation to the items mentioned herein.

4. This specification extends to include drawings, 2 Annexes and consists of 10 pages, including the cover.

SCOPE

5. This specification covers manufacturing inspection requirements of Flying Coverall to be used by Pakistan Navy. This specification lays down the standards to which the items shown under description above should conform to. It defines and lays down the quality standards and states of materials, manufacturing, workmanship and finish. It also lays down the details of testing, inspection, marking, marking procedures, packing and delivery, etc.

6. The suppliers/manufacturers shall comply in every respect with the terms of this specification and ensure that the items conform with it in all respects.

TYPE

7. The coverall shall be fabricated in the type (given below) laid as specified (see 40 b)

SIZES

8. The coveralls shall be fabricated in the following sizes, as specified (see 40 b)

Schedule of Sizes

32 S	38 S	42 S	46 S
32 R	38 R	42 R	46 R
34 S	38 L	42 L	46 L
34 R	40 S	44 S	48 L
36 S	40 R	44 R	48 R
36 R	40 L	44 L	48 L

RELATED DOCUMENTS

1. The standards and documents that have been referred to in this specification are listed in Annex A.

PATTERN

12. A sample of the work defined in this specification is held in the custody of CINS. It represents the type, quality and standard of the work mentioned under the heading 'Description' on this page.

13. Certified sample may be issued on loan to a supplier/manufacturer for reference. Please quote the quality, workmanship and standard of the contacted work must conform to the appropriate clause contained in this specification. Supplier/manufacturer is expected to take safe custody of certified sample and its return in good condition. Label and seal of the sample should, on no account, be tampered with or broken.

ADVANCE SAMPLE

14. Advance or pre-production samples when required shall be submitted in accordance with the terms of the contract for inspection, testing and approval. The minimum quantities required are given as under:

A	Covered Flying	2 in numbers	<p>(1) Best trade quality to be approved by CINS.</p> <p>(2) All advance samples are to be properly sealed and stamped with firm's branded stamp and date, along with crossed number.</p> <p>(3) All accepted samples are to be properly stamped by CINS and returned to the firm for guidance, which may be produced before Inspection Team at the time of bulk inspection.</p>

15. Whenever an advance sample (or pre-sample/advance sample/pre-production sample) is not required, the supplier/manufacturer is advised in his own interest to submit an initial delivery of 1% of the contract or 10 Covered Flying (whichever is more) to the inspecting officer or his representative, along with samples of materials for inspection.

16. Approval of the sample mentioned in para 10 & 11 authorizes the commencement of bulk production, but does not relieve the supplier/manufacturer from compliance with all the provisions of this specification.

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

WORKMANSHIP AND FINISH

- 16. Workmanship and finish of the Coverall Flying suit shall be equal to the standard pattern which is the best of its class and to the entire satisfaction of the inspector.
- 17. The Coverall Flying suit conforms to the standard pattern in respect of all properties and qualities not defined in this specification.

MATERIALS

18. Following materials are required to be used:

- a. **Basic Fabric** The outer shell, the collar, the tunic, the pockets, the back belt, the waistband adjustment tabs, the sleeve adjustment tabs, the flaps for the front side fastener, the linings, the flaps, and the slide fastener coverings shall be fabricated from the fabric listed.
- b. **Coveralls** The basic fabric for the coveralls shall conform to type B class 1 of MIL-C-83429 and shall be sage-green, color shade No. 1525 (see 49.02).
- c. **Top Collar Facing** The fabric for the top collar facing shall conform to MIL-C-10257. The color of the top collar facing shall be sage-green, color shade No. 1525 (see 49.02).
- d. **Thread** The thread for all sewing operations shall conform to MIL-F-83162.
- e. **Elastic Webbing** The elastic webbing for the waistband closure system shall be class 1, 1 1/2 inches wide, minimum of 4.000 inches thick, 7 inches long with a break of MIL-W-5304.
- f. **Snap Fastener** The snap fastener for the knee pocket shall conform to style 2, bush 2 of MIL-F-10004 and MS27000-15 (button), MS27000-03 (washer), MS27000-7E (stud), and MS27000-6B (insert).
- g. **Slide Fasteners** The slide fasteners shall conform to the requirements of V.F. 105 and to items 1, 11, and 12 of this specification. The chest and any other metal components except the teeth and the spring of the automatic lock shall be brass with a black chemical finish. The tape of the slide fasteners shall be 3/16 inch wide, shall be high-temperature resistant polyamide, and shall be approximately ninety the color of the basic fabric. The slide fastener for the front opening shall have a flange made of a double thickness of the basic fabric. The hole in the pull tab shall not be larger than is considered with safety.
- h. **Back and Pile Fastener Tape** The back and pile (zipper fastener) tape shall conform to type L, class 1 of MIL-F-71980 and to table IX of this specification. The color of the back and pile fastener tape shall approximately match the color of the basic fabric.
- i. **Metallic Grommet** The metallic grommet for the knee pocket shall conform to type 1, class 2 size no. 4 of MIL-C-16251.

PN SPEC 2491/11

a. **Nylon Cord** The nylon cord for the lanyard that is attached to the left pocket and for the cord passing in the edge of the slide fastener shall be natural color and shall conform to type A of MIL-C-2540.

b. **Binding Tape** The tape for binding the edges of the white pocket shall be made of 1.25 inches wide from the same fabric.

c. **Webbing Reinforcement** The webbing used for the reinforcement piece on the white pocket shall conform to type 43 of MIL-W-4222. The color may be natural color.

TECHNICAL DATA

1.1 NOMEX CLOTH FOR FLYING COVERALLS:

Total width	±	58 ± 3 inch (147 ± 2.5 cm)
Weight/ Square Meter (gm)	±	335 ± 10 gm
Threads/ 2.54 cm -		
a. Warp	±	75 ± 2
b. Weft	±	55 ± 2
Count of Yarn -		
a. Warp	±	3/40s ± 2
b. Weft	±	3/40s ± 2
Breaking Strength (B. G 30 cm x 9 cm) -		
a. Warp	±	103 kg (minimum)
b. Weft	±	78 kg (minimum)
Laundry Shrinkage -		
a. Warp	±	1 %
b. Weft	±	1 %
Thermal Shrinkage -		
a. Warp	±	1 %
b. Weft	±	1 %
Stiffness (mm) -		
a. Warp	±	54 ± 3 mm
b. Weft	±	52 ± 3 mm

PLASTIC WEAR

Dye Fastness to Washing

Test No 3 as per IS-1330 (25 °C):-

- a. Change in Shade = IS No. 4
- b. Staining on Cotton = IS NO. 4
- c. Staining on Wool = IS No. 4

Dye Fastness Rubbing

- a. Dry (20 cycles) = IS No. 4
- b. Wet (20 cycles) = IS No. 4

Crease Recovery

- a. Warm = +20 %
- b. Wet = +20 %

Pilling = 5

Flame Retardent

- a. After flame, seconds
 - (1) Initial = 2.0
 - (2) After five launderings = -
- b. After glow, seconds
 - (1) Initial = 20.0
 - (2) After five launderings = -
- c. Char length, inches (cm)
 - (1) Initial = 3.5 (9.00 cm)
 - (2) After five launderings = -

Static Charges: The finished cloth shall, when charged toward 5000 volts, reach a minimum level of 4000 volts and shall dissipate 30 percent of the charge within 1/2 second (decay time less than 1/2). The average warp result and average filling result shall meet these requirements before and after five launderings.

REQUIREMENT

20)

TABLE -1 SLIDES FASTENERS

Location	Requirements of V.1-100					Top and Bottom Tape Extension (Inches)
	Quantity	Type	Style	Size	Sliders *	
Front opening	1	1	15	M8	2	**

TABLE - III DIRECTION OF SLIDE FASTENER CLOSURE

Location	Direction of Slide Fastener Closure
Front opening	Top slider upward and bottom slider
Leg opening	Right in direction of closure and left downward
Breast pockets	Downward
Tough pockets	Outward
Lower leg pockets	Direction of leg front
Left sleeve pockets	Upward

TABLE - IV FASTENER TALES

Coated Type	Width and Cut Lengths of Fastener Tapes (inches)				
	Back Slot *	Waist **	Leg **	Cuff **	Neckline Neck and Collar
305	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
310	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
315	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
340	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
345	1 by 6	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
349	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
352	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
375	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
380	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
38	1 by 4	1 by 6	1-1/2 by 2	1-1/2 by 6	2 by 4
400	1 by 4	1 by 7	1-1/2 by 2	1-1/2 by 6	2 by 4
405	1 by 4	1 by 7	1-1/2 by 2	1-1/2 by 6	2 by 4
410	1 by 4	1 by 7	1-1/2 by 2	1-1/2 by 6	2 by 4
415	1 by 4	1 by 7	1-1/2 by 2	1-1/2 by 6	2 by 4
420	1 by 4	1 by 7	1-1/2 by 2	1-1/2 by 6	2 by 4
425	1 by 4	1 by 7	1-1/2 by 2	1-1/2 by 6	2 by 4
430	1 by 4	1 by 7	1-1/2 by 2	1-1/2 by 6	2 by 4
435	1 by 4	1 by 7	1-1/2 by 2	1-1/2 by 6	2 by 4
440	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
445	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
450	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
455	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
460	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
465	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
470	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
475	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
480	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
485	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
490	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4
495	1 by 4	1 by 8	1-1/2 by 2	1-1/2 by 6	2 by 4

* Fastener
** Cuff closure

Design The garment shall be a one-piece, unlined garment with a side fastener front closure, a two-way top, two-way leg fastener tape adjustment for the waist and leg closure, and a side fastener tape adjustment on each leg opening. The garment shall have two breast patch pockets, one tubular cuff closure patch and multiple patch compartments pocket on the upper front left sleeve, two thigh patch pockets, a knee patch with a lapped on the left thigh, two lower leg patch pockets. Except for the knee patch on the left thigh, all pockets shall have button fastened covered slide fasteners.

INSPECTION

Construction The coversalls shall be constructed in accordance with table V, however, the manufacturer is not required to follow the exact sequence of operations as listed therein.

Stitches, Seams, and Finishes Stitches, seams and finishing shall conform to FED-STD-593. Whenever two or more methods, seams, or finishes are specified for the same operation, any one of them may be used. Where cloth type 401 is used, the zipper lunter thread shall be on the inside of the coversalls.

TABLE - V. SEWING OPERATION

Description of operation	Stitch type	Seam and stitching type	Stitch def. ref.
Cutting			
(a) Cut the coversalls in the strict accordance with the patterns with allowance for seam placement of pockets, and notches for proper assembling of all parts. The directional line may vary from the warp direction by not more than 1 inch on the square cuts. The measurements shall be taken at the top and bottom edges of the pattern from the directional line to the salvage edges of the fabric, and the difference between the two measurements shall not exceed 1/32".			
(b) Place the patterns on the material with the directional line coinciding with the warp threads.			
(c) Except for the sleeve tails, the front facings, the under collar, the collar interlining, the hanger, the protective fly, and the side fastener closure collars, which may be cut from ends, cut all parts from one piece of material.			
(d) Repair any parts containing holes or seriously weakening defects.			
Cover Edging			
(a) Cover edges as sleeve fastener cover and pocket raw edges that are not salvaged.	500 or 503 or 504	55a-1	4
Shade Marking			
(a) Except for the parts cut from ends as mentioned in (1), mark all parts of the coversalls to insure a uniform shade throughout the garment. Concealed metal fastening devices shall not be used.			

4.	Collar			
	a. Fold the underbody to the centering with a row of diagonal stitching with the points of the diagonal stitching approximately 3 inches apart.	307 or 401	SS-1	C
	b. Join the collar to the underbody around the outer edge with a single row of stitching 1/4 inch from the edge.	307 or 401	SS-2 (a)	C
	c. Turn, iron out the edges. Steam the front collar.			
5.	Sleeve and Wrist Tabs			
	a. Fold the points of the wrist extenders to the full length sides, the pointed end of the sleeve tabs and one end of the wrist tabs, with a single row of stitching 1/4 inch from the edge.	301 or 401	SS-2 (a)	
	b. Turn, work out edges, and press with a single row of stitching 1/4 inch from the edge.	301	SS-2 (b)	C
	Note: As an option for the wrist tabs, pressing or flat hemstitching, turn in the raw edges, and stitch 1/16 to 1/8 inch from each edge.	301	EF-2	C
	c. Join the back part of the feather tabs to the sleeve tabs and the wrist tabs at the dot marks, and stitch on (1) four edges with a single row of stitching 1/16 inch from the edge.	301	SS-3	C
6.	Corded Beading in Edges of Side Fastener Coverings			
	a. Fold the corded to the inside of the pattern marks. Insert the cord at the top and stitch close to the cord with a single row of stitching. The beading edges must be flat with each other when the side fastener is closed.			
	Note: All side fastener coverings for the pockets, the leg trimmings and the hand opening, and hand pocket beading in the edges of the side fastener coverings.			
7.	Continuation Cigarette Pack and Multiple Pencil Separation Pocket			
	The pocket shall be a collar style cigarette pack.			

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compartment with a covered vertical slide fastener located on the forward side; the full length of the pocket and of four pencil compartment openings, two above and two below. The front openings and the rear openings shall be 1/2 inch plus or minus 1/8 inch wide. The finished pocket shall be approximately 3-3/4 inches long by 3-1/2 inches wide including the slide fastener tape. The width measurement shall be taken across the top of the pocket.

- a. Hem the top opening of the pencil compartment in accordance with the notches with the double row of stitching, with the first row of stitching 1/8 to 1/8 inch from the top edge, 1/4 inch apart.
- b. Fold the pencil pocket at the lower notches to form the two side openings and sew with a double row of stitching 1/4 inch plus 1/8 to 1/8 inch from the edge.
- c. Fold the opening to the center reach, taking each side edge with a single row of stitching (center).
- d. Set the fold through the center so make the pencil pass-through of the pencil pocket may be made in two pieces.
- e. Join the pencil compartment to the cigarette pack compartment with a double row of stitching 1/4 inch plus 1/8 to 1/8 inch from the edge along both sides in accordance with the notches and the drill marks, with the bottom edges even.
- f. Place a single row of the stitching centered between the front and the back edge the entire length of the pencil compartment to secure openings.
- g. Detack the ends of all pencil compartment openings with the bartack superposed on the inner row of double stitching and on the center row of stitching. The bartack shall be 3/8 to 1/2 inch long.
- h. Form a 3/8 inch bevels by joining the two bottom corners with a single row of stitching 1/4 inch from the edge.
- i. Sew the slide fastener tape to the forward

301	EFAC	12
301	DB-2	12
301	SSa-1	12
301	LSa-2	12
301	ESa-1	12
bartack		20 stitch per bartack
301	SSa-1	12
301	LSa-2	12

	side of the pocket with a double row of stitching 1/8-inch to 1/4 inch gage 1/4 inch from the edge of the scoops with the beaded edge covering the scoops.			
	k. Position the side fastener cover on the opposite side fastener tape with the beaded edge covering the scoops, and join with a single row of stitching 1/4 inch from the edge of the scoops.	301	SSa-1	12
	l. Position the pocket to the left sleeve at the slit marks. Turn the raw edges under 3/8 inch, and sew with a single row of stitching 1/16 inch from the folded edge.	301	LSb-1	12
	m. Place a second row of stitching 1/4 inch from the front edge and across the top of the pocket.	301	SSa-1	12
	n. Backstitch across each end of the side fastener on the inner row of stitching.	backstitch		20 stitch per corner
6	Right Thigh Pocket			
	a. Sew the side fastener tape to the top of the pocket with a double row of stitching 1/8 inch to 1/4 inch gage 1/4 inch from the edge of the scoops with the beaded edge covering the scoops.	301	LSb-2	12
	b. Position the side fastener cover on the opposite side fastener tape with the beaded edges covering the scoops, and join with a single row of stitching 1/4 inch from the edge of the scoops.	301	SSa-1	12
	c. Position the pocket on the right front panel at the slit marks. Turn all raw edges under 3/8 inch, except the side seam edge, and sew with a single row of stitching 1/16 inch from the folded edge.	301	LSa-1	12
	d. Place a second row of stitching 1/4 inch from the edge at the top, the bottom, and front.	301	SSa-1	12
	Note: A double-needle machine may be used to accomplish No 6 (c) and 6 (d).			
7	Left Thigh Pocket			
	a. Sew the side fastener tape to the forward side of the pocket with a double row of stitching 1/8 inch to 1/4 inch gage 1/4 inch from the edges of the scoops with the beaded edge covering the scoops.	301	LSb-2	12
	b. Position the side fastener cover on the	301	SSa-1	12

<p>opposite side fastener tape with the beaded edge covering the scoops, and join with a single row of stitching 1/8 inch from the edge of the scoops.</p>				
1.	Position the pocket on the left front panel at the cut marks. Turn all raw edges about 1/8 inch, except the side seam edges, and sew with a single row of stitching 1/8 inch from the folded edge.	301	LSa-1	12
2.	Place a second row of stitching 1/4 inch from the edge at the top, the bottom, and the side fastener.	301	ES-1	12
<p>Note: A replacement machine may be used to accomplish No. 2 (c) and 3 (a).</p>				
<p>iv. Fabrication of Lower Leg Pockets</p>				
1.	Sew the side fastener tapes to the top of the pockets with a double row of stitching 1/4-inch gage 1/8 inch from the edge, scoops with the beaded edge covering the scoops.	301	LSb-2	12
2.	Position the side fastener coast on the opposite side fastener tape with the beaded edge covering the scoops, and join with a single row of stitching 1/4 inch from the edge of the scoops.	301	SSa-1	12
<p>v. Knife Pocket</p>				
1.	Lay the webbing reinforcement piece on the pocket material, wrong side up, in accordance with the notches and the drill marks. Sew the reinforcement piece to the pocket with a single row of stitching 1/16 inch to 1/8 inch from the edge across the top and the bottom.	301	SSa-1	12
2.	Fold the pocket material lengthwise with the raw edges even, fold a pleat in accordance with the notches, and bind the square end with 1-1/8 inch wide, bias-cut binding of the basic material.	301	ESc-1	12
3.	Bind the straight edge of the small flap reinforcement piece to the top of the pocket, with 1-1/8 inch wide, bias-cut binding of the basic material.	301	SSc-1	12
4.	Position the flap reinforcement piece, in accordance with the notch and the drill marks, at the round end of the pocket with the flap piece on the same side as the webbing piece. Sew the flap piece to the top flap piece of the pocket material with a	301	SSa-1	12

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	opposite side fastener tape with the beaded edge covering the scoops, and join with a single row of stitching 1/4 inch from the edge of the scoops.			
	1. Position the pocket on the left front panel at the slit marks. Turn all raw edges under 5/16 inch, except the side seam edges, and sew with a single row of stitching 1/16 inch from the folded edge.	301	LSa-1	11
	2. Place a second row of stitching 1/4 inch from the edge of the top, the bottom, and the side fastener.	301	SSa-1	11
	Note: A double-needle machine may be used to accomplish No. 2, 3, and 9, if:			
10	Fabrication of Lower Leg Pockets			
	1. Sew the side fastener tapes to the top of the pockets with a double row of stitching 1/4 inch from the edge of the scoops with the beaded edge covering the scoops.	301	LSa-2	12
	2. Position the side fastener cover on the opposite side fastener tape with the beaded edge covering the scoops, and join with a single row of stitching 1/4 inch from the edge of the scoops.	301	SSa-1	12
11	Knife Pocket			
	1. Lay the webbing reinforcement piece on the pocket material wrong side up, in accordance with the notches and the slit marks. Sew the reinforcement piece to the pocket with a single row of stitching 1/16 inch to 1/8 inch from the edge across the top and the bottom.	301	BSa-1	12
	2. Fold the pocket material lengthwise with the raw edges even; fold a pleat on accordance with the notches, and bind the square end with 1-1/8 inch-wide, bias-cut binding of the basic material.	301	BSa-1	13
	3. Bind the straight edge of the small flap reinforcement piece for the top of the pocket, with 1-1/8 inch wide, bias-cut binding of the basic material.	301	BSa-1	13
	4. Position the flap reinforcement piece, in accordance with the notch and the slit marks, at the round end of the pocket with the flap piece on the same side as the webbing piece. Sew the flap piece to the top two plies of the pocket material with a	301	SSa-1	13

PL SPEC TABLE

<p>single row of stitching 1/2 inch from the edge, or the flap reinforcement piece may be joined to the top of the side pocket in the binding specified in No. 12 or</p>	301	SS-1	12
<p>7. Fold the pocket inward on the center crease and fasten the pocket with a 1/2 inch wide, butt-out binding of trim material starting at the bottom corner and extending the binding around the sides and the top. The reinforcement stitching piece shall be on the inside. The binding strip extend 1/2 inch beyond the trim on each side for turning under.</p>	301	SS-1	12
<p>8. Place a single row of stitching across the flap through both sides of the round end of the flap, approximately 1 inch from the open end.</p>	301	LSa-2	12
<p>9. Insert a row of stitching on the pocket below the bottom edge of the flap reinforcement piece, at the full width.</p>	301	LSa-2	12
<p>10. Position the reinforcement patch on the left hand leg, with the raw edges even, matching the notches of the pocket and the leg inside. Turn the raw edges under 1/2 inch on the top edge and the bottom. Sew the patch to the crease, with a double row of stitching, 1/4 inch to 3/16 inch gaps, 1/16 inch from the edge.</p>	301	SSa-1	12
<p>11. Position the side pocket on the reinforcement patch with the round end up and the opening on the inside in accordance with the old model. Starting at the bound corner, sew with a double row of stitching, 1/2 inch to 3/16 inch gaps, 1/16 inch from the edge, down the side across the bottom and on the side to the bound opening, leaving the top end of the flap under or over and catching panels in the stitching. The ends of stitching shall be perpendicular 1/2 inch on each side.</p>	301	SSa-1	12
<p>12. Sew across the bound upper end of the top of the pocket opening with a single row of stitching, securely taking the top of the pocket in the patch and the corners.</p>	<p>13. Strip over with button thread to the center of the pocket flap, in accordance with old model, at the rounded end.</p>	<p>14. Sew one way buttons that perforated on</p>	

the inside with the elastic material on the coversalls as correspond with the wrap fastener pocket

a. Pull the nylon cord (inward), which shall be 30 inches (plus or minus 1 inch) long, through the grommet. Tie the cord with a square knot. Sew both ends of the nylon cord, or the ends of the nylon cord may be placed in a suitable resin. Fold the elastic cord in layers approximately 4 inches long and position the folded cord in the pocket parallel with the pocket with all the fabric within the pocket. Snap the flap closed.

12. Front Protective Fly

a. Join the outer edges of the top piece of material with a single row of stitching 1/8 inch from the edges on the top, along one side and the bottom.

20'

85a-2a

12

b. Turn the fly. Work out the edges and sew with a single row of stitching 1/8 inch from the bottom edge.

20'

85a-2b

12

c. Stitch the protective fly through and through with a double row of stitching 1/4 inch to 3/8 inch gage down the center of the waist length of the protective fly.

20'

85-2

12

13. Thong for Front Slide Fastener

a. Fabricate the thong to finish 1/4 inch wide by 2 inch long.

20'

87a-2

12

14. Front Slide Fastener

a. Place the face side of the fausing on the protective fly with the raw edges even. Join with a single row of stitching 3/16 inch from the edge.

20'

85a-3

12

b. Turn the top edge of the slide fastener cover piece under 1/8 inch. Stitch with a single row of stitching 1/16 inch from the edge with the folded edge closed to the bottom step.

20'

L8a-1

12

c. Position the right slide fastener on the protective fly, the front (inside) beaded edge of the coversalls on the slide fastener with the raw edges even. Join with a single row of stitching 1/4 inch from the edge of the coversalls with the front beaded edge covering the coversalls.

20'

L8a-4
(R)
(initial
12)

12

	fastener tape underneath above the left breast pocket, 1 inch from the front beaded edge of the coverlet with the back bottom corner flush with the top edge of the side fastener cover; join on all four sides with a single row of stitching 1/16 inch from the edge (see 20-ec).			
17	Upper Back			
	a. Fold the back panel at the inner pattern marks, face to face from the shoulder row edge to the bottom edge; join with a single row of stitching 1/16 inch from the folded edge.	301	20c-2	10
	b. Fold the back panel at the outer pattern marks, with face side out, and sew with a double row of stitching 1/16 inch from the folded edge, 1/4 inch to 5/16 inch gage.	301	20c-2	10
18	Seat Seam			
	a. Join with a double-lapped, double-stitched seam, 1/4 inch to 5/16 inch gage, 1/16 inch from the folded edge, the right panel overlapping the left panel.	301 or 401	15c-2	11
19	Joining of Upper Back to Lower Back			
	a. Join with a double-stitched, double-lapped seam, 1/4 inch to 5/16 inch gage, 1/16 inch from the folded edge, the upper back overlapping the front.	301 or 401	15c-2	14
20	Shoulder Seams			
	Join with double-lapped, double-stitched seams, 1/4 inch to 5/16 inch gage, 1/16 inch from the fold edge, upper back overlapping the lower back.	301 or 401	15c-2	12
21	Sleeves			
	a. For uniform ventilation, make sleeve eyes, with finished inside diameters of 1/8 to 3/16 inch, on the sleeves at the pattern marks.	401		11/24 stitches per eyelet
	b. Join the elbow seam of the sleeves, the top sleeve overlapping the undersleeve, with a double-lapped, double-stitched seam, 1/4 inch to 5/16 inch gage, 1/16 inch from the folded edge.	301 or 401	15c-2	12
	c. Sew the sleeves to the armholes, the front and the back panels overlapping the sleeve, with a	301 or 401	15c-2	12

double layered, double-stitched seams 1/4 to 5/16 inch gaps, 1/16 inch from the folded edge

14 Turn up the bottom of the streamer at the bottom seam, with the raw edges turned under 3/8 inch. Sew with a single row of stitching 5/16 inch from the edge.

15 Finish the join between tape at the pattern marks on the top corners and seam with a single row of stitching on all four sides, 1/16 inch from the edge.

22 **Shoulder Reinforcement Patch**

16 Fold in from the edge of the reinforcement patch with 3/8 inch trim under on four sides.

17 Position the curved edge of the reinforcement patch on the edge of the armband seam, the notch matching the shoulder seam, and sew with a double row of stitching 1/16 inch from the folded edge 1/8 inch gaps.

Note: An alternative to 22 (b) and 23 (a) may be performed as follows: 22(a) 24 (b)

18 Fold in from the edge of the reinforcement patch with a 1/2 inch trim under on three sides, leaving the curved section free. Position the folded edge of the reinforcement patch on the armband with the center notch matching the shoulder seam. Sew the curved edge to the armband with a single row of stitching 1/16 inch from the raw edge.

19 Stitch the folded edges of the patch to the armband with a double row of stitching 5/16 inch gaps, 1/16 inch from the edge. The curved edge of the reinforcement patch will be caught at the armband seam subsequent to the sleeve.

23 **Shift Down**

20 Join the side seams of the streamer from the streamer separately to the leg separately, the back overlapping the front, with double-layered double-stitched seams, 1/4 inch to 5/16 inch gaps, 1/16 inch from the folded edge.

24 **Sleeve Tabs**

21 Fold the raw end under 1/4 inch. Position the tab on

201	EPG-1	12
202	25a-1	12
203	LS92	12
204	SSa-1	12
205	LSa-2	12
201 or 204	LSa-2	12
201	LSa-2	12

	the sleeve, insert the pattern marks, the pocket and toward the pile fastener tape. Sew with a double row of stitching 1/16 inch from the folded edge 1/4 inch apart, forming a box and "X" type stitch. The "X" type stitch shall start and terminate at the four corners of the box stitching.			
25	Sleeve Seams and Sleeve Tape			
	As an order to No 24 and 26, press on each sleeve the sleeve raw edge at the pattern marks and attach with a row of stitching 1/8 inch from the edge. Join the side seams as specified in No 26, sealing the raw raw edge in the seam.	301	836-1	12
26	Joining of Lower Leg Pocket			
	Sew the pockets to the lower legs in accordance with the drill marks with a double row of stitching 1/16 inch from the folded edge 1/4 inch apart. Turn under 3/8 inch at the top, the bottom and the side.	301	430-2	12
27	Leg Terminal Hem			
	Turn up the bottom of the legs at the pattern marks with the raw edges turned under 3/8 inch. Sew with a single row of stitching 1/16 inch from the edge.	301	296-1	12
28	Leg Side Fastener			
	Sew the side fastener to the bottom of the front legs at drill marks with a double row of stitching 1/16 inch from the edge, 1/8 inch to 1/4 inch apart. Fold the side fastener covers under at the edge of the tapes. The top and the bottom ends shall finish at the bottom of the legs. The side shall be bottom of the covers when closed (see table II).	301	430-3	12
29	Gusset			
	a. Fold the material, matching the pattern marks at the bottoms of the covers, to form a gusset on the front of the lower legs.			
	b. Sew a single row of stitching, 1/16 inch from the folded edge through the center of the formed gusset from the bottom of the leg terminals to the pattern marks. The stitching shall be on the inside of the legs.	301	031-1	12

Test Assembly

Item	Item Description	Item ID	Item Type	Item Weight	Item Count	Item Total Weight
1	Question 1: The number of students who passed the test was 85. If the number of students who failed the test was 15, what was the total number of students who took the test?	101	Multiple Choice	1.00	1	1.00
2	Question 2: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	102	Multiple Choice	1.00	1	1.00
3	Question 3: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	103	Multiple Choice	1.00	1	1.00
4	Question 4: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	104	Multiple Choice	1.00	1	1.00
5	Question 5: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	105	Multiple Choice	1.00	1	1.00
6	Question 6: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	106	Multiple Choice	1.00	1	1.00
7	Question 7: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	107	Multiple Choice	1.00	1	1.00
8	Question 8: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	108	Multiple Choice	1.00	1	1.00
9	Question 9: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	109	Multiple Choice	1.00	1	1.00
10	Question 10: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	110	Multiple Choice	1.00	1	1.00
11	Question 11: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	111	Multiple Choice	1.00	1	1.00
12	Question 12: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	112	Multiple Choice	1.00	1	1.00
13	Question 13: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	113	Multiple Choice	1.00	1	1.00
14	Question 14: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	114	Multiple Choice	1.00	1	1.00
15	Question 15: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	115	Multiple Choice	1.00	1	1.00
16	Question 16: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	116	Multiple Choice	1.00	1	1.00
17	Question 17: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	117	Multiple Choice	1.00	1	1.00
18	Question 18: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	118	Multiple Choice	1.00	1	1.00
19	Question 19: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	119	Multiple Choice	1.00	1	1.00
20	Question 20: A car is traveling at 60 miles per hour. How far will it travel in 2 hours?	120	Multiple Choice	1.00	1	1.00

23	hanger	801	27p-2	12
	a Fabricate the hanger to finish 1/4 inch wide by 4 inches long.			
	b Position the hanger at the center of the back of the neck, approximately 1 inch plus or minus 1/4 inch below the neckline, and sew with a double row of stitching 1/16 inch from the edge, 1/4 inch gage. In lieu of stitching the ends, knit and may be attached.	501 or 502	Barlock	12 18 stitch per barlock
24	Label	801	22a-1	12
	Position the label approximately 1-1/2 inch from the neck seam, centered directly below the hanger on the inside back of the coveralls. Sew the label securely along all four edges to the coveralls with a single row of stitching 1/16 inch from the edge.			
25	Barlock			
	a The barlocks shall be 1/4" W 1/4" and 1/4" barlock length and positioned as follows:			18 stitch per barlock
	(1) One at the crotch seam, spanning the side fastener tapes.			
	(2) One across both side fastener tapes, centered between the crotch seam and the bottom of the front opening side fastener bottom stop, uniting the edges of the tapes facing the protective fly.			
	(3) One across the bottom, spanning on each side of the leg side fastener tape at the leg terminal and one across the top closed end on the inside row of stitching.			
	(4) Two on each breast pocket: one at each end of the side fastener on the inside row of stitching.			
	(5) Two on each thigh pocket: one at each end of the side fastener on the inside row of stitching.			
	(6) Two on each lower leg pocket: one at each end of the side fastener on the inside row of the stitching.			

(14) Trim all corners and all the ends full on the outside row of stitching.

(15) Give an extra shoulder reinforcement piece at the top of the shoulder lock plate on the outside row of stitching.

(16) Trim on the back pocket at the top and bottom on the row of stitching.

(17) Give an extra reinforcement on the shoulder leg corners and the waist side seams 1/8 inch from the end of the piece and the leg corners.

4. Cleaning

5. Give all items a good wash and remove all loose threads and lint. Remove all spots, stains, and make items without ready to the fabric.

6. Thread Breaks and Ends of All Seams. Ends of seams and stitches (such as type 431) that are not caught in other seams or stitching shall be securely locked or lock stitched in a line near to each. When stitch type 431 is permitted on the neck, the ends of the stitches type 431 shall be caught in other seams or rows of stitching. Thread breaks (in stitch type) shall be secured by stitching back of trace not less than 1/2 inch.

7. Stitches Per Inch. Unless otherwise specified herein, a tolerance of plus or minus 2 stitches per inch will be permitted.

8. Sewing Tolerances. The sewing tolerances for 1/8 inch and 5/16 inch pieces of stitching shall be plus or minus 1/16 inch. The sewing tolerance for 3/8 inch pieces of stitching shall be plus 1/8 or minus 1/16 inch. The sewing tolerance for 1/2 inch and over pieces shall be plus 1/8 inch.

9. Rounded Corners in Edges of Side Fastener Coverings. All side fastener coverings for the pockets, the leg corners and the front opening, shall have a round heading in the edges of the side fastener coverings. The outer border of the edges of all side fastener closures shall be flush with the side fastener closure. The seams, when turned together, shall be completely concealed by the rounded covering.

10. Back Part of Fastener Tape for Hemplate. An identical size of the back fastener tape shall be allowed to the pole fastener tape for use as reinforcing in the narrow's hemplate (see 17 and table V).

11. Patterns. The manufacturer's working patterns shall be identical in size and shape to the patterns indicated on Drawings. Unless otherwise specified

Requirements

therein. The patterns provide an allowance of 3/8 inch for the single-needle seams and 1/2 inch for double-needle seams.

c. **Finished Measurements:** The finished measurements of the coversalls shall conform to table VI.

d. **Contractor's Label:** Each of the coversalls shall have a composition label and identification label conforming to type I, classes 1 and 2 of DOD-4-20. A label that contains the name of the contractor and the specification number shall be included on the label. The label shall have good fastness to dirt, laundering and dyeing.

1. Instruction Label

a. The instruction label shall conform to the requirements of Type I, Class 2 of DOD-4-20. The text of the instruction label shall be as follows:

COVERALLS: FLAME-RESISTANT; KEMMER, FIRE-RESISTANT

(1) Wear as your uniform.

(2) **Washing:** Launder with alkali soapers and wash with the soapers engaged. Do not press from outside soapers.

(3) Pockets are designed to accommodate accessories, equipment and personal effects.

(4) Lubricate easy fasteners with soap pencil grease at 24 hrs.

(5) For thorough cleaning, steam and for maximum soaping, accordance with established laundry procedures. Coversalls may be hand laundered using mild soap and warm water. All soap should be thoroughly rinsed out.

(6) Do NOT STARCH OR USE BLEACH. This process will deteriorate the flame resistance.

DO NOT REMOVE THIS LABEL.

b. The instruction label shall be centered below the composition label and contractor's label and stitched on at four sides.

TABLE - VI. FINISHED MEASUREMENTS OF COVERALLS

Coverall Sizes	Finished Measurements in inches		
	Overall	Sleeve Length	Leg Inseam Length
17-34	28-34	25-32	
17-36	27	25-32	
18-38	27-34	25-32	
18-40	27	25-32	
19-42	27-36	25-32	
19-44	27	25-32	
20-46	27-38	25-32	
20-48	27	25-32	
21-50	27-40	25-32	
21-52	27	25-32	
22-54	27-42	25-32	
22-56	27	25-32	
23-58	27-44	25-32	
23-60	27-46	25-32	
24-62	27-48	25-32	
24-64	27-50	25-32	
25-66	27-52	25-32	
25-68	27-54	25-32	
26-70	27-56	25-32	
26-72	27-58	25-32	
27-74	27-60	25-32	
27-76	27-62	25-32	
28-78	27-64	25-32	
28-80	27-66	25-32	
29-82	27-68	25-32	
29-84	27-70	25-32	
30-86	27-72	25-32	
30-88	27-74	25-32	
31-90	27-76	25-32	
31-92	27-78	25-32	
32-94	27-80	25-32	
32-96	27-82	25-32	
33-98	27-84	25-32	
33-100	27-86	25-32	
34-102	27-88	25-32	
34-104	27-90	25-32	

All dimensions of this or other sizes 12 each will be permitted.

The procedure for measuring shall be as follows: The coverall to be measured shall be placed on the work and the (left) palm of the footover foot shall not be engaged. The coveralls shall be laid flat without tension on a smooth flat surface so that the crown and waist shall not affect the measurement. The measurement of the sleeve shall be taken across the sleeve from folded edge to folded edge, at the bottom of the wrist. The measurement of the sleeve inseam length shall be taken along the inseam on the sleeve from the base of the wrist to the bottom of the sleeve. The measurement of the leg inseam length shall be taken along the inseam of the leg from the center of the crotch down to the bottom of the leg.

TABLE - VII GENERAL DEFECTS

Defect	Major	Minor A	Minor B
Material Defect and Workmanship Defects			
* Any hole, crease or hole that marred, but not a workmanship defect, such as seam, machine foot,	X		

	<p>loops and, or needle threads that might develop a hole</p> <p>a. Cloth stiffened, hardened, or treated by heat, where thermic activated shade and size marking labels were attached.</p>	X	
2.	Slide Fasteners		
	a. Slide fastener not specified type, size or size of any part of assembly omitted, built or broken	X	
	b. Any permanent portion of slide fastener case buckled, twisted, or creased at slide fastener case joining seam, when slide fastener is open or closed	X	
	c. Interference with movement of any slider	X	
	d. Any slide fastener, except for even sewing, not entirely covered by its respective flap	X	
	e. Any slider not closing at specified direction	X	
3.	Slide Fastener Covering		
	a. Edges of slide fastener covering overlapped more than 1/16 inch or gapped more than 1/16 inch when slide fastener is closed	X	
	b. Sewing omitted in the slide fastener covering	X	
	c. Sewing not sewn flat in slide fastener covering	X	
4.	Hook and Pile Fastener Tape		
	a. Hooks or pile frayed or missing from any tape closure area but less than 25 percent	X	
	b. 25 percent or more of the hooks or pile frayed or missing from any tape closure area	X	
	c. Fastener tape not specified size	X	
	d. Fastener tape misplaced not serving intended purpose	X	

Draw Fastener or Ground

a	Draw fastener or ground loose or overstressed	X		
b	Any cracks, sharp edges, burrs, burrs, or metal splinters or splinters near fastener or ground	X		
c	Draw fastener or ground improperly checked (relating to safety of drift)	X		
d	Draw fastener or ground improperly fastened or missing on any fastener or ground	X		
e	Draw fastener or ground off center more than 1/8 inch (but not more than 1/4 inch)	X		
f	Draw fastener or ground off more than 1/8 inch	X		
g	Draw fastener stud not aligned with gasket causing a noticeable bulge or fold when wrapped	X		
Distorted Parts				
a	Any part distorted or any shape die	X		
Subs				
a	Any component not specified with	X		
Clearance				
a	Any extra spot or lines on outer side	X		
b	Threads ends not trimmed or burred (threads ends not removed, do not be scored only when condition exists on shape portion of drawings)	X		
c	Any burrs what not removed	X		
d	Any marks identification stamping visible on outer side	X		
e	Any excessive metal fastening device or lines on holes	X		

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1. Ends of any trapezoidal seam at side seams or ends of any leg openings at cuffs, slugged by 1/2 inch or more.	X	
1a. Edge of stitching irregular 1/4 inch or more jagged or various stitching not uniform (to be scored only after condition exists on the major portion of seam).	X	
1b. Edge of stitching irregular except if width specified.		X
2. Open seams except on trim, up to and including 1/4 inch ****		X
2a. Open seams except on trim, more than 1/4 inch but not more than 1 inch ****	X	
2b. Open seams, except on trim, more than 1 inch ****	X	
2c. Open seams, on any trim, 1/2 inch or less ****		X
2d. Open seams, on any trim, more than 1/2 inch ****	X	
3. Raw edges more than 1/4 inch but not more than 1/4 inch on outer side of coverlets ****		X
3a. Raw edges more than 1/4 inch, but not more than 1 inch on outer side of coverlets ****	X	
3b. Raw edges more than 1 inch on outer side of coverlets ****	X	
3c. Raw edges more than 1/4 inch but not more than 1 inch on inner side of coverlets ****		X
3d. Raw edges more than 1 inch on inner side of coverlets ****	X	
4. Stitching threads left protruding at discharge of needles when normal pull is applied ****	X	
5a. Stitching per inch on major portion of seam two stitches more or less than specified, except on labels.		X
5b. Stitches per inch on major portion of seam three stitches more or less than specified, except on labels.	X	

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16. Seams in lower skirt three or more inches wide that are:	A
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- 1. Seam ends buttons shall be checked for proper functioning by opening and closing at least three times along full length.
- 2. The snap fastener shall be checked for proper functioning by snapping and un-snapping at least three times.
- 3. If the defect seriously affects appearance or serviceability, it shall be classified as a major defect. If the defect does not seriously affect appearance or serviceability, it shall be classified as a minor or defect.
- 4. If one or more seams joining a seam are broken or if two or more continuous broken stitches or ruffles occur, a seam shall be classified as open. If either one or both ends of a broken stitched seam is open, it shall be classified as an open seam.
- 5. Any edge that is required to be turned under and is not but is securely caught in the stitching shall be classified as raw edge. Any raw edge not securely caught in the stitching shall be classified as an open seam.
- 6. Puckering is evidence of tight tension. If puckering is evident, the seam shall be noted by marking normal pull in the lengthwise direction of the seam or stitching.

TABLE - VIII DETAILED DEFECTS APPLICABLE TO SPECIFIC PARTS

Defect	Major	Minor A	Minor B
Collar			
a. Front and back puckered or pleated at collar joining seam		X	
b. Twisted or excessive fullness in lap collar or notched collar		X	
c. Lap collar shell or split collar, top collar edge is not		X	
d. Any collar not securely locked to neckband		X	
e. Any collar edge cracked, under collar edge exposed, or any collar inner poorly shaped or not uniform in shape		X	
f. Collar off center more than 1/4 inch but not more than 1/2 inch			X
g. Collar off center more than 1/2 inch			X

<p>h. Rounded corners of collar unisex in length more than 1/4 inch but not more than 3/8 inch</p>	4
<p>i. Rounded corners of collar unisex in length more than 3/8 inch</p>	5
<p>k. Points of diagonal stitching on under collar more than 2 1/2 inches or less than 2 1/2 inches apart</p>	5
<p>2. Front Opening</p>	
<p>a. Front unisex in length at neck, when side fastener is closed, more than 1/8 inch but not more than 1/4 inch</p>	5
<p>b. Front unisex in length at neck, when side fastener is closed, more than 1/4 inch</p>	7
<p>c. Points of diagonal stitching on front collar less than 2-1/2 inches apart</p>	7
<p>d. Thong pointed or less than 2 corners or more than 3-1/2 inch long</p>	8
<p>e. Thong not pulled through hole in top slider and securely locked</p>	8
<p>f. Front facing short, tight or bunched, causing fullness or crease on outer side</p>	8
<p>g. Distance from bottom of under gore to top end of side fastener more than 3/4 inch or less than 1/4 inch</p>	8
<p>3. Pockets</p>	
<p>a. Any breast, thigh, lower leg, or knife pocket more than 1/8 inch but not more than 3/8 inch out of horizontal or vertical alignment</p>	7
<p>b. Any breast, thigh, lower leg, or knife pocket more than 3/8 inch but not more than 1/2 inch out of horizontal or vertical alignment</p>	7
<p>c. Any breast, thigh, lower leg, or knife pocket more than 1/2 inch out of horizontal or vertical alignment</p>	X
<p>d. Any breast, thigh, lower leg, or knife pocket poorly shaped or not uniform size and shape</p>	8

<p>c. Combination cigarette pack and pencil compartment pocket not on left sleeve</p>	X			
<p>f. Opening in cigarette pack pocket not on forward side of pocket (direct front opening of chamber)</p>	X			
<p>g. Pencil compartments not integral part of combination cigarette pack and multiple pencil pockets</p>		X		
<p>h. One pencil compartment missing</p>		X		
<p>i. Two or more pencil compartments missing</p>	X			
<p>4. Gloves</p>				
<p>a. Gloves matched on right sleeve to left and/or on left sleeve to right and/or on</p>	X			
<p>b. Glove colored or otherwise distinct at wrist</p>		X		
<p>c. Glove left at any visible time during the test on front and back of ambulet</p>		X		
<p>d. Glove slipped on top of head and back of ambulet</p>		X		
<p>5. Belt</p>				
<p>a. Outer folded edge of belt too full, causing noticeable ridge or too tight, not permitting back to be inserted</p>		X		
<p>b. Forward of any outer folded edge of belt too irregular distance by more than 1/4 inch from uniform width of buckle</p>		X		
<p>c. Loose end of any outer folded edge of belt too irregular distance by more than 1/4 inch from side seam</p>		X		
<p>6. Bag Assembly</p>				
<p>a. Bag assembly not in standard or regular results</p>		X		

Hanger		
a	Hanger missing	A
b	Hanger misplaced off center of back by more than 1/2-inch	X
Contractor's Label		
a	Size missing, incorrect, or legible on X contractor's label	F
b	Information on contractor's label except size incomplete, incorrect, or illegible	F
c	Contractor's label less than 1-1/4 inches or more than 1-3/4 inches below collar, oring seam	A
d	Contractor's label misaligned, off center of back by more than 1/2 inch	X
e	Stitching omitted on one or more edges of contractor's label	X
Fastener Tape for Wearer's Nameplate		
a	Fastener tape for wearer's nameplate missing	X
b	Fastener tape for wearer's nameplate not specified size	A
c	Fastener tape for wearer's nameplate misplaced more than 1/4-inch	A
d	Stitching omitted on one or more edges of all fastener tape for wearer's nameplate	A

TABLE - IX. EXAMINATION OF PREPARATION FOR DELIVERY

Examine	Defect
1. Marking (exterior and interior)	a. Omitted, incorrect, legible, or improper size location, sequence, or method of application.
2. Materials	a. Any component missing, damaged, or not as specified.
3. Workmanship	a. Inadequate application of components such as incomplete closure of container flaps, loose strapping, improper fitting, or inadequate stapling. b. Bulged or distorted container.

PACKING TABLE

4. Cover (front and reverse)	a. Number of bundles per container more or less than required.
	b. Number of sheets per bundle more or less than required 1"

* One bundle from each shipping container in the sample shall be examined for the defect.

MARKING OF FLYING COVERALL

21. **Marking** - In addition to any special marking required by contract or order, all cartons and shipping containers shall be marked in accordance with MIL-STD-129 and shall include the size of the coveralls and the date of manufacture (month and year).

22. **Mark, Shape & Size** - An iron drawing for flying coverall.

23. **Material Use** - The materials covered by this specification are intended to be used in an order specified by flight personnel at temperature above 00 degree Fahrenheit.

INSPECTION AND REJECTION

24. All required stores shall comply with the terms of this specification and, in all respects, up to the satisfaction of the inspecting authority.

25. The Flying Coverall (Aviator) shall be examined for the correctness of material, design, dimensions, size and fittings, construction, workmanship and finish.

26. Each Flying Coverall (Aviator) shall be inspected separately, followed by comparison of samples.

27. CMS 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.

28. If, on examination of 5% of any delivery, 20% of the items examined from such supply (including packing material) 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. FULL REJECTION is required during the time of sampling.

29. All stores and packing shall fully conform to this specification shall be rejected.

STAMPING OF ACCEPTED/REJECTED STORES BY THE INSPECTOR

30. Following instructions are to be followed:

a. **Stamping of Accepted Stores** - Each acceptable Flying Coverall shall be stamped with inspector's individual acceptance mark on the front side of the coveralls.

IN SPEC THERMOL

6. Stamping of Rejected Stores. The rejected stores shall be marked with inspector's rejection mark close to the contractor's marking to avoid re-submission of the lot.

31. Each package containing accepted store shall be clearly stamped with inspector's individual acceptance mark on the face.

32. The inspector is the authority in all matters pertaining to inspection.

PRESERVATION

33. Processing of preservative treatment and quality of packing shall be examined where, as the inspector may consider necessary, in order to determine whether they conform to this specification.

34. Flying Cover (Aviation) is to be preserved with suitable horticultural preservative. Supplier/manufacturer is to give a certificate for the non-toxicity of the preservative for a period of 30.

PACKING SLIP

35. A packing slip shall be enclosed in each packed box, giving full details about the stores packed, i.e. Pattern No., Designation, Quantity, Packet, Contract No. & Date, Note No. or Voucher No. & Date, Consignee, Consignor, Date of Packing, and Packer's Signature.

REPLACEMENT BY THE CONTRACTOR

36. The supplier/manufacturer is responsible for replacement of the consignments or any part thereof whenever it is found not conforming to this specification. The supplies so tendered in replacement shall be subjected to testing, inspection and acceptance by the inspecting officer.

RESPONSIBILITY OF SAFETY

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

DEFINITIONS

38. The following definitions are relevant in this specification:

a. Inspector. The term inspector shall include the Inspection Authority, inspecting officer and their representatives, duly authorized for the purpose of discharging inspection duties involved.

b. Inspection Authority. It is the authority holding vested particulars and responsible for laying down the standard of stores falling under his responsibility. His verdict in respect of inspection matters is to be taken as final.

- 4. **Inspecting Officer** He is an officer nominated by the purchase officer for carrying out inspection of stores supplied by the supplier against a specified contract or order, in accordance with the particulars stipulated therein.
- 5. **Sealed Pattern** It denotes a pattern, sealed and signed by the Inspector, Australia & held in his custody, and represents the standard of some or respect of materials, dimensions, design, workmanship and finish, etc. There is only one sealed pattern for each item, which cannot be removed from custody of the inspecting authority.
- 6. **Certified Sample** This is replica of the sealed pattern verified to be correct by the inspecting authority and issued to the supplier for guidance. There is no limit to the certified samples. QMS is requested to keep at least 3 (3) random samples from the first batch/ manufactured stock against the specification.
- 7. All previous specifications, issued from time to time in the past by the Directorate for subject Flying General (Aviation), shall be cancelled.

8. **QUALITY ASSURANCE PROVISIONS**

- 1. **Responsibility for Inspection** Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements, as specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities available for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specifications where such inspections are deemed necessary to ensure compliance and to what extent to prescribed requirements.

9. **INSPECTION**

- 1. **Component and Material** Unless otherwise specified herein or in the applicable purchase document (see 45 (b)), components and materials shall be tested in accordance with all the requirements of referenced documents.
- 2. **End Item** The end item shall be examined as specified in 41 (c) and 41 (d). The sample unit for these examination with all requirements of reference documents.
- 3. **Visual Examination** The end item shall be visually examined for defects which shall be classified as specified in table VII and VIII. The inspection level for the visual examination shall be II of MIL-STD-105. The acceptance quality level (AQL) for the visual examination shall be 2.5 defects per 100 units (dpu) for minor defects, 15.0 (dpu for major or critical A (combined) defects, and 25.0 (dpu for total postulated major, minor A, and minor B) defects.
- 4. **Examination of Finished Measurements** The finished measurements of the materials shall be thoroughly checked for conformance to the finished measurements specified in Table VI. The inspection level for the examination of the finished measurements shall be II of MIL-STD-105. The AQL for the examination

of the finished measurements shall be ± 0.25 for all items (one class). Any finished measurement of the coversalls deviating from the finished measurements specified in table VI shall be classified as a finished measurement defect. Seams and leg lengths of coversalls (after garment washed by manufacturer) shall not be classified as a finished measurement defect.

4. **Examination of Preparation for Delivery.** Shipping containers fully prepared for delivery shall be examined for the defects listed in table III, to determine compliance with the prescription, packaging, packing and marking requirements specified herein. The sample unit shall be one shipping container (or a fully prepared for delivery unit the equivalent that it need not be opened). The sample size shall be the number of containers in the inspection lot. The inspection shall utilize 5-2 of MIL-STD-105. The acceptable quality level shall be 0.25%.

41. **PREPARATION FOR DELIVERY**

42. **PACKAGING** Packaging shall be level A or C as specified (see 41 c):

a. **Level A.** Each of the coversalls shall have all fastenings secured and shall be neatly folded in accordance with normal practice, an approximate size of 14-15 inches in length by 11-12 in width. The folded coversalls shall then be individually packaged in a heat-sealed bag that is a flat size of approximately 17 inches in length and 13 inch in width. The bag shall be made of polythene film that is 0.002 inch thick. All seams and closures shall be attended by heat-sealing. After seal during the bag closure, excess air shall be evacuated to the extent necessary to permit packaging of the required quantity in the shipping container. A maximum 1/4 inch hole may be made in the bag to permit air.

b. **Level B.** The coversalls shall be packaged and preserved to afford the minimum degree of protection necessary to prevent deterioration or damage during shipment under normal environmental conditions and commercial modes of transportation.

44. **PACKING** Packing shall be level A, B, or C, as specified (see 41 c):

a. **Level A.** Twenty coversalls of one size and color only, package as specified, shall be packed in a fiberboard shipping container assembled, closed and reinforced to conform to class weather-resistant, grade V2s, size 3A of MIL-B-17737. Level A packages shall be packed two in length, one in width, and ten in depth.

b. **Level B.** Twenty coversalls of one size and color only, shipment as specified, shall be packed in a fiberboard shipping container assembled and closed in accordance with MIL-B-17737. The container shall be size 3A constructed of grade 275 fiberboard of MIL-B-17737.

c. **Level C.** Coversalls packaged as specified shall be packed in a manner to insure acceptance by the carrier and safe delivery to destination at the lowest transportation rate for such supplies. The containers shall be in accordance with regulations as applicable to the mode of transportation.

33. **MARKING** In addition to any special marking required by contract or order, all packages and shipping containers shall be marked in accordance with MIL-STD-129 and shall include the size of the covers and the date of manufacture (month and year)

a. **Polyethylene Bags** Free to bag-sealing (see 41 a) a white paper label containing the information specified in 46 visible and durable black letters and numerals shall be placed inside each bag. The label be placed so that it can be read through the bag. As a substitute for the label, the information may be printed or stamped on each polyethylene bag.

41. **NOTES**

a. **Unstated Use** The covers covered by this specification are intended to be used as an outer garment by flight personnel in temperatures above 58 degrees Fahrenheit.

b. **Ordering Data** Procurement documents should specify the following:

- (1) Title, number, and date of this specification.
- (2) Type and use required.
- (3) Requirements for testing components and materials (see 41 a).
- (4) Detection of applicable levels of packaging and packing (see 43 & 44).

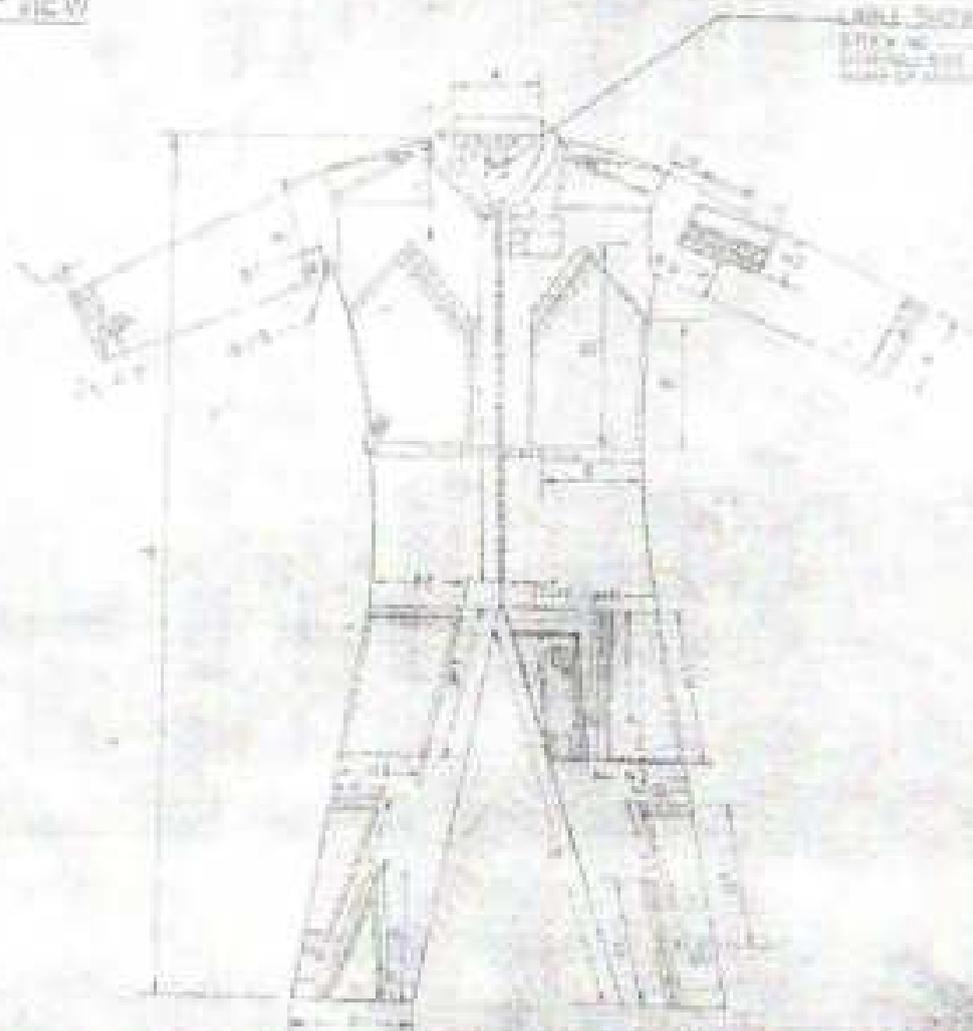
c. **Color Samples** Samples of color shades may be obtained from the procuring activity or as directed by the contracting office.

d. **Figures** Figures 1 and 2 show the general style of the covers and are furnished for information only.

e. **Reclaimed Materials** The use of reclaimed materials shall be encouraged to the maximum extent possible.

FRONT VIEW

LABEL SHOULD
BE IN
THIS POSITION



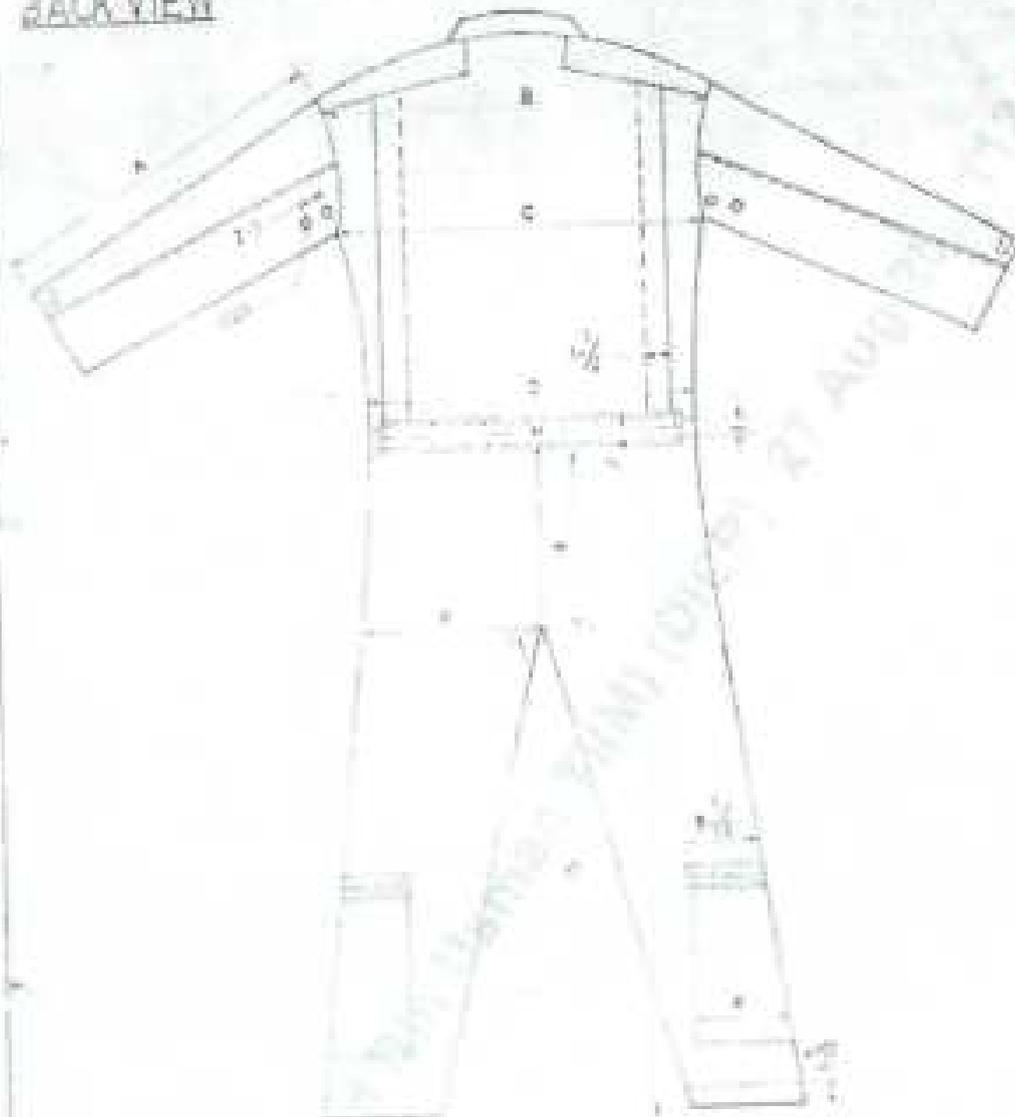
DTD NHO KARACHI

FILE NO. **COVERALL (FOR PILOTS)**

DATE: / /

DESIGNED BY	CHECKED BY	APPROVED BY
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
DESIGNED BY	CHECKED BY	APPROVED BY

BACK VIEW

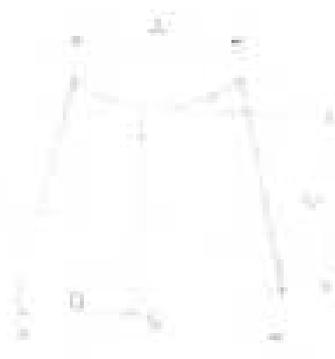
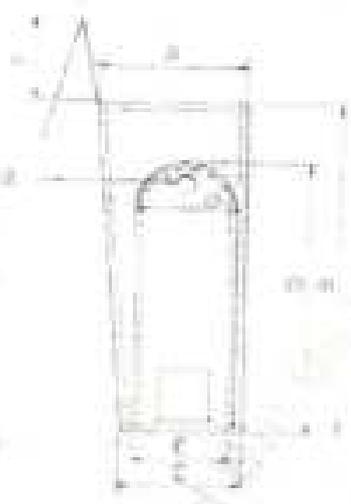


DTD NHQ KARACHI

TITLE COVERALL
(FOR PILOTS)

INDICATED DIMENSION: INCHES
DATE: 10-08-50(S) SCALE: N-1-5

DRAWN BY	CHECKED BY	APPROVED BY
<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
M. KACHAR MAJ SIGNAL	LT COL. NADIM WILLO SI HQ	CAPTAIN RASH BACH TITEL



DTD NHQ KARACHI

TITLE		
DETAIL OF SHOULDER PATCH, KNIFE POCKET SHOULDER FLAP		
DATE	BY	SCALE
10/10/58	10/10/58	1:1
DESIGNED BY	DRAWN BY	APPROVED BY
BY	BY	BY
10/10/58	10/10/58	10/10/58
10/10/58	10/10/58	10/10/58

GENERAL REQUIREMENTS/CONDITIONS**ANNEX 'B' TO**

Indent No 2580242

Indent Date: 2025-10-16 00:00

<u>S.No and Description</u>	<u>Firm's Reply (Complied/ Partially 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 FOB/ 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 canceling 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 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. Equipment/ 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</p>		

	subsequently incorporated in the contract document.		
4.	<p>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>		
5.	<p>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 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>		
6.	<p>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>		
7.	INSPECTION OF STORES/ ACCEPTANCE TEST		

PROCEDURE

The stores shall be accepted and inspected by following officers/ Reps:

(1) Rep of CINS

b. Above team shall inspect and test the goods to on Supplier their conformity to the contract specifications.

c. The conditions of the contract and technical specifications shall specify inspections/ tests criteria as required by the Purchaser and place of conduct.

d. Purchaser shall notify the Supplier in writing of the identity to any representatives entrusted for this purpose.

e. If any inspected or tested goods fail to 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.

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.

8. DISCREPANCY

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 "DOP" consignee's warehouse within 30 days.

9. COMPENSATION ON BREACH OF CONTRACT

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.

10. PENALTY

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.

<p>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 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>		
<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 PNCSD 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>		
<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</p>		

<p>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, 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>		
<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,</p>		

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.

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.

Once the Party initiating the Force Majeure has provided the reasonable proof of occurrence of 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.

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.

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.

20. TERMINATION OF CONTRACT

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.

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

- a. To have any part thereof completed and take the delivery thereof at the contract price or to cancel the remaining quantity and pay to the Supplier for the articles or sub-components and 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>b. No payment shall however be made for any materials not yet in the actual process of manufacture on the date notice of cancellation is received.</p> <p>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 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>		
<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</p>		

<p>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>		
<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/stockiest 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 consignee's 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 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</p> <p>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</p> <p>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</p> <p>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 (Revised 2019). 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</p> <p>The Supplier's key professionals, covering the various technical disciplines shall attend, actively participate and cooperate with the Purchaser's request for meetings</p>		

<p>without any additional cost, which shall include but not limited to the following meetings:</p> <ul style="list-style-type: none"> a. Design Review Meetings. b. Progress timeline/ payment bills meetings. c. Any other meetings held in relation to the project. 		
<p>35. TENDER SAMPLE NIL</p>		
<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 Suppliers. 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 Challan duly received by the Consignee. d. Copy Registration Certificate of Sales Tax Department. e. Part payment/Part delivery is allowed. 		
<p>38. Special Instructions as Annex C</p> <p>(1). Inspection/Packing/Delivery terms</p> <ul style="list-style-type: none"> a. CO PNS RAZA may order 15% of contracted 		

quantity against DPL-15 to meet urgent/critical requirement, under intimation to CINS, 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. Joint inspection is to be carried out by CINS, enduser, & consignee. CINS may draw random samples from the stores received by PNS RAZA against DPL-15 to ascertain quality, after detailed laboratory analysis, suitable price reduction (PR) as authorized may be applied by CINS for minor deviation/ non-conformance form stated PN specification. In case of major deviation/ non-conformance, the store may be rejected.

(2). 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, CINS 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.

(3). 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 CINS or CO PNS RAZA.

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

(6). Free delivery to consignee warehouses.

(7). As per NHQs instructions promulgated vide NHQ letter ST- P/6314/INS/04 dated 05 April 2008, rejection of stores supplied by contractors will be dealt as under:

- 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 CO PNS RAZA.

<p>(9). 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>(10). Purchaser is not bound to lift the entire quantity of contract.</p> <p>(11). Barcode sticker to be attached on each plastic packet containing coverall flyer.</p> <p>(12). Packing : Standard trade packing worthy of sea shipment/ air shipment so as to ensure the arrival of the stores at the consignee's warehouse in undamaged condition.</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> <p>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 forbome 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.</p> <p>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</p>		

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. R2601330458.....

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 : 051-9262310
 Email : dpn@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. DOP&I 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.)