

**Government of India, Ministry of Home Affairs
Directorate General, National Disaster Response Force
(Procurement Branch)
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New Delhi-110003
Tel No 011-24611518
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TE No. 1-17018/1212/HQ-NDRF/2017/1713

Dated, the 21 June, 2017

1. On behalf of the President of India, DG NDRF invites on line tender in two-bid system for the procurement of 624 Nos. Inflatable Motor Rescue Boats (10 Seated) with all accessories for NDRF Bns detailed in the schedule.
2. Bids shall be submitted online at CPPP website <https://eprocure.gov.in/eprocure/app>. Tenderer are advised to follow the instructions provided in the clause no. 38 of Schedule-I. Tenderers are advised to follow the instruction for online bid submission regarding e-submission of the bids" through Central Public Procurement Portal for e-procurement at <https://eprocure.gov.in/eprocure/app>. Only online bid would be accepted.

CRITICAL DATE SHEET

Tender Published on www.eprocure.gov.in , www.ndma.gov.in & www.ndrf.gov.in	21/06/2017
Bid Document download start Date	22/06/2017
Clarification Start Date	22/06/2017
Clarification End Date	20/07/2017 at 1430 Hrs.
Pre-bid meeting	20/07/2017 at 1430 Hrs.
Bid Submission Start Date	31/07/2017 at 1430 Hrs.
Bid Submission End Date	12/08/2017 at 1430 Hrs.
Bid Opening Date	14/08/2017 at 1430 Hrs.

3. This tender enquiry has Schedules and appendices as following:-

A) SCHEDULES

- | | | | |
|-------|--------------|---|-------------------------------|
| (i) | Schedule-I | = | Condition of tender |
| (ii) | Schedule-II | = | Special instructions |
| (iii) | Schedule-III | = | List of stores |
| (iv) | Schedule-IV | = | List of consignee(s) |
| (v) | Schedule-V | = | Technical Specification/ QRs. |

B) APPENDICES (to be filled & submitted by tenderer)

- | | | | |
|-------|----------------|---|-------------------------------------------------|
| (i) | Appendix-1 | = | Offer of stores |
| (ii) | Appendix-2 | = | Details of Manufacturer / Auth Dealer |
| (iii) | Appendix-3 | = | Questionnaire about manufacturer /Tenderer. |
| (iv) | Appendix-4 | = | Performance statement for last 3 years |
| (v) | Appendix-5 | = | Proforma for store and quality control (Form 7) |
| (vi) | Appendix-6(a)= | | Bank Guarantee Proforma for EMD. |
| (vii) | Appendix-6(b)= | | Bank Guarantee Proforma for PSD. |



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|--------|-------------|---|--------------------------------------------|
| (viii) | Appendix-7 | = | Guarantee / Warranty clause. |
| (ix) | Appendix-8 | = | Proforma for Price bid. (In second cover) |
| (x) | Appendix-9 | = | Model ECS Mandate Format |
| (xi) | Appendix-10 | = | Check list of Tenderers |

Enclosure: Aforesaid schedules & appendices.

For and on behalf of the President of India


(S.S. Guleria)
Director General (NDRF)
Ministry of Home Affairs
New Delhi

Copy to: -

1. The Joint Advisor : You are requested to float this tender enquiry on NDMA website (Comn & IT), NDMA, please. Soft copy enclosed.
N/Delhi
2. SI, In-charge (IT Cell) : Upload the tender on NDRF website please.



CONDITION OF TENDER

1. All Tender documents attached with this invitation to tender including the specifications are SACROSANCT for considering any offer as complete offer. It is therefore important that Tender acceptance letter which is a written undertaking that all the terms & condition of the tender are understood and accepted should be signed and submitted in original and online through e-procurement site <https://eprocure.gov.in/eprocure/app>.

2. **CONDITIONS GOVERNING THE CONTRACT:-**

- 2.1 Apart from any special conditions contained in / attached to this invitation to tender, the condition contain in the below mentioned Pamphlets and Forms will form part of any contract made.

- 2.1.1 Pamphlet No. DGS&D-39 titled "Conditions of Contract, governing contracts placed by the Central Purchase Organization of the Government of India" as amended up to date.
- 2.1.2 Pamphlet No.DGS&D-229. [All condition of Rate Contract contained in Booklet of DGS&D – 229 will be applied in instant tender also].
- 2.1.3 DGS&D Form No.68 (Revised).

- 2.2 **Amendments:** The following amendments may be carried out in the Pamphlet entitled "Conditions of Contract Governing the contracts placed by Central Purchase Organization of Government of India" 1991 edition bearing Symbol DGS&D-39 form No.DGS&D-68 (Revised).

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

"Government" means the Central Government

- 2.2.2 The definition of **Secretary** Clause 1 (k)-page 3 of DGS&D Conditions of Contract may be modified as under:-

"Secretary" means Secretary of Min. of Home Affairs for the time being in the administrative charge of the subject matter of contract and included Additional Secretary. Special Secretary, Joint Secretary, or Director or Dy. Secy. in such Ministry, Director General, Inspector General (NDRF),DIG (NDRF), of this Dte. and every other officer authorized for the time being to execute contracts relating to purchase and supply of stores on behalf of the President of India

- 2.2.3 Under Clause 2 (c)-page 5 of DGS&D Conditions of contract, the word "Director General of Supplies & Disposals or heads of his concerned regional offices" may be replaced by **Director General (National Disaster Response Force), Ministry of Home Affairs.**

- 2.2.4 Following amendments may be carried out in the Pamphlet No DGS&D-229 containing various instructions to tenders:-

Form NoDGS&D-230.

Reference to DGS&D wherever appearing in clause No14,33,34,35,39 and 40 and Appendix 'A' for Form No. DGS&D-96 may be amended to read as

Deputy Inspector General, NDRF HQrs, Ministry of Home Affairs.

- 2.2.5 Clause 24 i.e. Arbitration:- In the existing entries/clause 24 of DGS&D - 68 (Revised) substitute DG, NDRF for DG, DGS&D.

- 2.3 The above Pamphlet and the lists of corrections thereto can be obtained on payment from the under mentioned officers

The Manager of Publications, Civil Lines, Delhi.

The Superintendent, Government Printing & Stationery Allahabad, U.P.

The Superintendent, Government Printing & Stationery, Mumbai.

The Superintendent, Government Press, Chennai.

The Superintendent, Government Printing & Stationery, Nagpur.



The Superintendent, Government Printing, Gulzargbag, Patna (Bihar).
DGS&D, New Delhi and its Regional offices at Mumbai, Chennai, Kolkata and Kanpur.
Government of India Book Depot, 8 Hastings Street, Kolkata
Procurement cell HQ DG NDRF, A-Wing, Second Floor, Lok Nayak Bhawan, Khan
Market, New Delhi - 110003

3. If you are in a position to quote for supply in accordance with the requirements stated in the attached schedule to tender, all documents attached herewith should be duly filled in, signed and submitted online through e-procurement site <https://eprocure.gov.in/eprocure/app>
4. **PURCHASER'S DISCRETION:-** Director General NDRF reserves the right to:-
 - 4.1 Cancel /reject any or all the tenders without assigning any reason.
 - 4.2 Increase or decrease the quantity at any stage without assigning any reason.
 - 4.3 To split the tender/order quantity on more than one firm in a ratio of 60:40 or 50:30:20 in the same order whereby the L2 or L3 firms as the case shall be required to match their price with that of L1.
 - 4.4 Change the consignees and allocation of quantities at any stage without assigning any reason
5. **PURCHASE PRICE PREFERENCE :-** Give a purchase / price preference to offers from public sector units and SSI units over other firms in accordance with the policies of the Govt. from time to time.
6. **EARNEST MONEY**
 - 6.1 Firms not registered with NSIC or DGS&D for the subject stores for which the offers are being invited, are required to deposit EARNEST MONEY (EM) equivalent to the amount as mentioned in the tender schedule.
 - 6.2 Firms registered for any other stores and not for the stores indicated in the Tender schedule will be treated as unregistered, and shall be required to deposit specified Earnest Money.
 - 6.3 Tender received from Firm which is not registered with DGS&D or NSIC for the tendered stores, and is not accompanied with required Earnest money in the prescribed form, is liable to be rejected. Registration with any other authority will not exempt the firm from depositing Earnest Money.
 - 6.4 Public sector undertaking or central/state owned companies are not exempted from the payment of Earnest Money unless registered with DGS&D/NSIC for subject stores.
 - 6.5 **Earnest Money can be deposited in any one of the following forms, before bid submission end date physically otherwise bids will be liable for rejection:-**
 - 6.5.1 **An irrevocable Bank Guarantee (BG)** in the name of **PAO, NDMA, New Delhi - 110066** of any Nationalized/Scheduled Bank. The Bank guarantee should be payable at SBI, Safdarjung Enclave, New Delhi (Code No. 013182) or any Nationalized Bank located in Delhi or New Delhi. The format is as per **Appendix-6. If EMD is furnished in the form of BG, then it should be valid for 45 days beyond the validity period of the offer.**
 - 6.5.2 An FDR in favour of **PAO, NDMA, New Delhi**. The FDR should be payable at SBI, Safdarjung Enclave, New Delhi or any Nationalized Bank located in Delhi or New Delhi.
 - 6.5.3 Foreign bidders should submit Earnest Money only in form of Bank Guarantee confirmed by any Nationalized/Scheduled Bank of India.
 - 6.6 The Earnest money shall be valid and remain deposited with the purchaser for the prescribed period in schedule-II. If the validity of the tender is extended, the validity of EM document submitted by the Tenderer shall also be suitably extended by the Tenderer, failing which his tender, after the expiry of the aforesaid period shall not be considered by the purchaser.
 - 6.7 No interest shall be payable by the purchaser on the EM deposited by Tenderer.
 - 6.8 The EM deposited is liable to be forfeited if the Tenderer withdraws/ amends/ impairs/ derogates from the tender in any respect within the period of validity of his tender.



- 6.9 The EM of the successful Tenderer shall be returned after the Performance Security Deposit as required in terms of the resulting contract is furnished by the firm.
- 6.10 If the successful Tenderer fails to furnish the Performance Security Deposit as required in the contract within the stipulated period, the Earnest Money (EM) shall be liable to be forfeited by the purchaser.
- 6.11 EM of the unsuccessful Tenderers shall be returned within 30 days of finalization of tender. Tenderers are advised to send a pre-deposited challan along with their bids to facilitate refund of Earnest Money in time.
- 6.12 Similarly, firms who are registered for the subject stores with NSIC/DGS&D but with a certain monetary limit will be treated as unregistered for the tender value exceeding their monetary limit of registration. Such firms shall be required to deposit earnest money proportionate to the value of EM exceeding monetary limit. In case, any such firm fails to deposit earnest money, its offer for the tender value in whole or the part exceeding its monetary limit is liable to be ignored.

7. CAPACITY VERIFICATION:-

- (i) Firm should submit works approval of Indian Register of Shipping (IRS) or Any other classification Agency for manufacture of Inflatable Rubber Motor Rescue Boats.
- (ii) Tenderer is supposed to submit IRS/any other classification agency approved drawing sheet as per the parameters mentioned in specifications. The report must be enclosed with technical bid. In case offer is received without IRS/any other classification agency approved drawing sheet same will be rejected.
- (iii) Purchaser reserves the right to get the manufacturing capacity of any tender re-verified through the inspecting agencies/NDRF board of their registration status.
- (iv) Bids of only those firms who may submit the bank solvency certificate for Rs.3.5 Crore shall be treated as eligible.
- (v) The solvency certificate shall be from a nationalized or scheduled bank and issued within a period 01 month from the date of final date of submission of tender. Validity period shall be 12 (twelve) months from the date of issue of certificate by the bank. The solvency certificate without date, seal and signature of the issuing authority shall be rejected.

8. COMPULSORY ENLISTMENT OF INDIAN AGENT:-

- 8.1 As per the Compulsory Enlistment Scheme of the Department of Expenditure, Ministry of Finance, Govt. of India, it is compulsory for Indian agents who desire to quote directly on behalf of their foreign manufacturers/ principals, to get themselves enlisted with the Department of Expenditure, through the Central Purchase Organization (e.g. DGS&D).
- 8.2 The Compulsory enlistment of Indian Agents under the scheme of Ministry of Finance is simpler and differs from the registration of Indian Agents with the Central Purchase Organization (e.g. DGS&D).
- 8.3 The registration of the foreign manufacturer is not a must for enlisting the Indian Agent under this scheme. No Inspection Report in respect of the foreign manufacturer / principal is necessary.
- 8.4 The enlistment under the scheme is not equivalent to the Registration with DGS&D. Such firms do not enjoy the same status as that of DGS&D registered suppliers. A note to this effect is given in the Enlistment letter to the firm.
- 8.5 However, offers from the Indian agents, who have applied to DGS&D for registration /enlistment before the time and date of opening of technical bid; such offers will be further processed if they can secure enlistment with DGS&D before opening of the Price Bids

Note:- It is clarified that any bidder who is quoting a product of foreign OEM in whatsoever capacity, be it authorized dealer/ distributor or agent has to enlist itself with the DGS&D as an agent of the foreign principal



9. **FOR FOREIGN BIDDERS ONLY:-**

It shall also be confirmed by foreign bidder(s)/OEM that, there are no Govt. restrictions or limitation in the country of the supplier or countries from which sub-components are being procured and / or for the export of any part of the system being supplied. Suppliers/Contractors shall obtain a certificate to this effect or authority concerned of their country and attached with technical bid

10. **TENDER COST:-**

- 10.1 Tenderers must enclose Demand Draft of tender cost in favour of **PAO, NDMA, New Delhi** payable at SBI New Delhi or any Nationalized Bank located in Delhi or New Delhi as per scheduled-II
- 10.2 Only SSI, Firms registered with NSIC or DGS&D are exempted from Tender Cost, However their registration must be valid on the Tender opening date
- 10.3 The tender received without the required Bank Draft (Tender Cost) will be liable for rejection.

11. **TWO BID SYSTEM:** Tenderers are required to submit their offers ONLINE in two bid system i.e. in separate sealed as under:-

11.1 **FIRST COVER SHOULD CONTAIN THE SCANNED COPIES OF FOLLOWING ELIGIBILITY INFORMATION (IN .PDF FILES):-**

- 11.1.1 Scanned copy of Technical bid along with its specification leaflets, brochures, if any. Composition of technical bid like:-
 - a) Scanned copy of all the 5 schedules duly signed on each phase by the tenderer
 - b) Scanned copy of appendices (1 to 7 & 9 to 10) duly filled in along with Lab test report (if applicable).
 - c) Scanned copy of any other relevant document which the firm wishes to submit,
 - d) Scanned copy of Technical details/leaflets/brochure of subject stores as per specifications.
 - e) Scanned copy of ECS Mandate Format

11.1.2 Scanned copy of documents of Earnest money

or

- 11.1.3 Scanned copy of DGS&D/ NSIC registration certificate
- 11.1.3 Scanned copy of PAN Number/ Proprietors Individual PAN No. in case of Proprietorship concerns.

11.2 **SECOND COVER SHOULD CONTAIN THE FOLLOWING:-**

- 11.2.1 Price bid / Financial Bid to be submitted ONLINE as per financial Bid proforma (Appendix-8 of this tender enquiry) i.e. to be filled in the BoQ (excel worksheet) and also enclose the same in PDF format separately.
- 11.2.2 If the BoQ of excel format would not calculate the exact amount at the time of bidding then the price bid uploaded by the in PDF format will be considered.
- 11.2.3 Tenderer will attach copies of Govt. Notification in support of all applicable Taxes/Duties quoted in the offer (in PDF format).
- 11.3 Only the Technical Bid will be opened on the date indicated for Tender opening. Price bids of only those firms will be considered for opening whose offers are complete in all respect and fulfill the requirements as per specification/QRS and qualifies all technical requirements and terms & conditions as per TE. However, purchaser reserves the right to cancel/reject the tender/offer without assigning any reminder.

12. **PRICE**

- 12.1 The Tenderers are required to quote prices on Free delivery to consignee basis. Price will be quoted in figures as well as in words Indian currency only. L-1 for the store item will be decided inclusive of all Taxes / Duties and all other leviable charges. Format for submission of Price Bid is attached with Tender Enquiry at Appendix-8.



- 12.2 Firms should quote for the entire quantity/package, however, price break up wherever asked in the price bid is required to be given. Offers without the price break up are liable to be rejected.
- 12.3 Price quoted should be firm and final and no increase of what so ever due to increase in statutory levies or other taxes would be admissible to the firm.
- 12.4 Benefit of decrease in levies will be passed on to the purchaser.
- 12.5 Tenderers are required to indicate Basic Prices, Custom Duty, Excise Duty, Sales Tax/VAT and any other leviable taxes/ charges separately within the Performa for Price Bid given at Annexure-8. Taxes/ duties/ charges reflected outside the Performa will not be accepted. Tenderer must attach copies of Govt. Notification in support of all applicable Taxes/ duties/charges quoted in the offer.

13. EXEMPTION FROM DUTIES/TAXES:-

- (i) The firm has to mention prevailing Custom Duty/ other taxes in the proforma along with price bid and must attach copy of Govt. notification in this regard. If Custom Duty/ any other taxes is quoted /reflected as "Nil" or "Zero" under relevant column of Price Bid, no Custom Duty Exemption Certificate (CDEC)/any other tax exemption will be granted. Subsequently, upon placement of supply order, no further request will be entertained in this regard.

Note: No custom duty exemption certificate will be provided by the NDRF.

- (ii) **Octroi and Local Taxes :** As per para 10.17.3 of DGS&D Manual, in case where the municipality or other local body insists upon payment of these duties or taxes the same should be paid by the contractor to avoid delay in supplies and possible demurrage charges. The receipt obtained for such payment should be forwarded to the purchase officer concerned without delay together with a copy of the relevant act or by laws, notifications of the municipality or the local body concerned bodies if admissible under the said acts or rules.

14. TENDER SAMPLE

- 14.1 Tender sample not required.
- 14.2 After receipt of A/T, the successful bidder should prepare a prototype sample and submit the same for the inspection of IRS and Board of Officers detailed by DG NDRF. The successful bidder has to supply the prototype sample within 90 days from the date of A/T.
- 14.3 The testing and trial will be done by IRS and the Board of Officers detailed by DG NDRF within 20 days after receipt of prototype sample. If prototype sample is cleared by the inspecting agency based on trial evaluation, DP commences from the date of issue of Bulk Production Clearance (BPC) from the inspecting agency. DP shall be 9 months.
- 14.4 If prototype sample does not clear trial evaluation, further efforts may be carried out by the firm to repair/improve/redesign the prototype sample and produce the same within 15 days for testing by the inspecting agency. Time taken beyond 15 days in the process shall warrant levy of penalty @ 0.5% per week. If, however the firm fails to get the prototype cleared to the satisfaction of the inspecting agency as per QR within another 30 days, DG NDRF reserves the right to cancel the AT and forfeit the PSD.
- 14.5 Delivery of the entire quantity shall be made in 10 lots to 10 consignees as per schedule in the order to be communicated by the purchaser. First lot of delivery should commence within 60 days from the date of conveying Bulk Production Clearance (BPC).

15. **DISPATCH INSTRUCTIONS AND DOCUMENTATION:-**The Tenderer shall intimate to the purchaser, by telex or fax and speed post 07 working days in advance, the mode of transport and probable date of delivery of consignment.



16. PACKING & MARKING:

- 16.1 As per clause 12 of the general condition of contract DGS&D-68 (revised).
- 16.2 As per para 17 of the specification of this TE, the unit shall be suitably packed to withstand the hazards of rail/road transit and with a view to avoid any damage during transit and safe arrival at consignee's address.

17. SUPPLY OF ORDERED STORES

- 17.1 Bulk supplies in the case of successful Tenderers should conform to tender samples accepted in trial evaluation in all respect besides specifications mentioned in Schedule-V.
- 17.2 Tenderers will be fully responsible for proper testing and making the equipment functional before acceptance of stores and the final settlement of account.
- 17.3 The Equipment/store should be Brand New/Model No, with Lot/ Batch No./ Year of manufacture, name of manufacturer, Country of Origin and other relevant detail should be given. The original literature supplied with the item/eqpt. should also be provided.
- 17.4 The stores supplied should be of best quality and free from all defects. Each consignment will be insured by the firm at their cost against transit risk till reach its destination as the insurer will not accept claims after specified period, the consignment shall be clear within 03 days and transit damage, loss if any shall be reported to the firm within 30 days of arrival of consignment at the destination.

18. RIGHT TO REJECTION

- 18.1 The decision of the DG NDRF shall be final as to the quality of the store and shall be binding upon the Tenderers and in case of any of the articles supplied not being found as per specification shall be liable to be rejected or replaced and any expenses or losses caused to the suppliers should be borne by the supplier and ensured by the supplier that articles supplied should be best in quality and free from all defects.
- 18.2 The acceptance of articles will be made only when the articles are inspected and found up to the standard specifications and free from all defects.
- 18.3 The rejected stores must be removed by the Tenderers from the consignee's premises within 15 days from the date of the intimation about rejection at the risk and cost of the Tenderer.
- 18.4 The In-charge stores concerned will take reasonable view of such materials but in no case shall be responsible for any loss, shortage, damage that may occur to it while it is in the premises of the consignee.

19. PENALTY FOR DELAY IN SUPPLY AND LIQUIDATED DAMAGES:

- 19.1 In case the firm does not complete the supply within the delivery period, action will be taken against the firm as per Para 15.7 of DGS&D Manual and Para 14.7(i) of Ministry of Commerce, Dept. of Supply of the General condition of the contract.
- 19.2 Penalty @ 0.5 % per week or part thereof of the contract value shall be levied for delay in supply subject to a maximum of 10% in the form of LD.

20. DELIVERY OF STORES

- 20.1 Free delivery to consignee(s) basis.
- 20.2 Delivery period will include the inspection and replacement of rejected lot.
- 20.3 Firm should not deliver stores to consignee(s) beyond scheduled Delivery Period without obtaining prior sanction of purchaser.
- 20.4 In case, Firm deliver stores after scheduled Delivery Period, even if the stores are accepted by the consignee, it would be at the risk and cost of the seller as the supply may not be taken as contractually accepted.
- 20.5 No grace period will be provided after the stipulated delivery period.
- 20.6 No lead time will be given.



21. **OPTION CLAUSE:-**The Purchaser reserves the right to place order on the successful Tenderer for additional quantity up to 25% of the quantity offered by them at the time of placement of order or during the currency of the contract as per Clause 31 of Form DGS&D-68 (Revised).

22. **FALL CLAUSE:** Fall Clause will be applicable as under:-

- 22.1 The price charged for the stores supplied under the contract by contractor shall in no event exceed the lowest price at which the contractor sells the store item or offer to sell store of identical description to any persons/ organization during the currency of this contract.
- 22.2 If the contractor, at any time, during the currency of contract reduces the sale price, sells or offer to sell such store to any person/ organization at a price lower than the price chargeable under the contract, it shall forthwith notify such reduction or sale or offer of sale to the Director General, NDRF and the price under the contract would be reduced accordingly.

23. **RISK PURCHASE CLAUSE:**

- 23.1 In the event of failure of the supplier to deliver or dispatch the stores or provide the required services within the stipulated date/ period of the supply order A/T, or in the event of breach of any of the terms and conditions of the AT, the purchaser will have the right to purchase the store elsewhere at the risk and cost of the defaulting supplier after giving a notice to the defaulting supplier. The cost as per Risk Purchase exercise may be recovered from the bills pending with the supplier even against any other supplies outside this contract or even from the pending bills with any other Government Department/Ministry.
- 23.2 In the event of a contract being cancelled for any breach committed and the purchaser effecting re-purchase of the store at the risk and the cost of the contractor, the purchaser is not bound to accept the lower offer of Benami or allied or sister concern of the contractor.
- 23.3 The purchaser reserves the option to give a purchase/price preference to offers from public sector units and SSI unit over other Firms in accordance with the policies of the Govt. from time to time.

24. **PERFORMANCE SECURITY**

- 24.1 In terms of Clause-7 of condition of contract DGS&D-68 (revised) all the successful Tenderers irrespective of their registration status with DGS&D and NSIC shall be required to furnish an amount equal to 10% of the contract value as security deposit as guarantee against its own performance under the contract within 21 days of issue of contract. It should be valid up to 60 days beyond the expiry of Warrantee / Guarantee period.
- 24.2 The Performance Security would be required within 30 days from the date of issue of AT / confirmed supply order and would be released after the obligations of the firm are successfully met.
- 24.3 In case Performance Security is not deposited by the successful bidder within the stipulated time from the placing of AT / Supply order, irrespective of any reason, EMD could be permanently forfeited and AT / Supply order would become liable for cancellation at the risk of the Firm.

25. **PAST PERFORMANCE STATEMENT**

- 25.1 Tender should submit their performance statement in the enclosed proforma attached at Appendix-4 of Tender Enquiry.



- 25.2 The decision on the assessment of the past performance of the Tenderer by DG NDRF will be final.

26. LAW GOVERNING THE CONTRACT

- 26.1 The contract shall be governed by the laws in force as of date in India and interpretation would be done accordingly.
- 26.2 Jurisdiction of Court: The courts of the New Delhi shall alone have jurisdiction to decide any dispute arising out of or in respect of the contract.

27. ARBITRATION

- 27.1 Arbitration proceedings shall be held at New Delhi, India and the language of the arbitration proceedings and that of all documents and communications between the parties shall be English.
- 27.2 In the case of dispute or difference arising between the purchaser and the supplier relating to any matter arising out of or connected with the contract, such dispute or difference shall be settled in accordance with the Indian Arbitration and Conciliation Act, 1996.
- 27.3 Sole arbitration will be by Secretary, Ministry of Home Affairs, Govt. of India or by some other person appointed by him. As provided in clause 24 of General Condition of Contract Form DGS&D -68 Ministry of Commerce Department of supply.

28. PENALTY FOR USE OF UNDUE INFLUENCE

- 28.1 The Seller should undertake that he has not given, offered or promised to give directly or indirectly any gift, consideration, reward, commission, fees brokerage or inducement to any person in service of the Purchaser or otherwise in procuring, the Contracts or Forbearing to do or for having done or forborne to do any act in relation to obtaining or execution of the Contract or any other Contract with the Government for showing or forbearing to show favour or disfavour to any person in relation to the Contract or any other Contract with the Government.
- 28.2 Any breach of the aforesaid undertaking by the seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the seller) or the commission of any offence by the seller or any one employed by him or acting on his behalf, as defined in Chapter IX of the Indian Penal Code, 1860 or the Prevention of Corruption Act, 1947 or any other Act enacted for the prevention of corruption shall entitle the Purchaser to cancel the contract and all or any other contracts with the seller and recover from the seller the amount of any loss arising from such cancellation.
- 28.3 A decision of the Purchaser or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the seller.
- 28.4 Giving or offering of any gift, bribe or inducement or any attempt at any such act on behalf of the seller towards any officer/employee of the Purchaser or to any other person in a position to influence any officer/employee of the Purchaser for showing any favour in relation to this or any other contract, shall render the Seller liable for penalty as the Purchaser may deem proper including but not limited to termination of the contract, imposition of penalty damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Purchaser.

29. AGENT AND AGENCY COMMISSION

- 29.1 The seller confirms and declares to the purchaser that the seller is the original manufacturer of the stores referred to in this contract and has not engaged any individual or firm, whether Indian or Foreign whatsoever, to intercede, facilitate or in any way to recommend to the Government of India or any of its functionaries, whether officially or unofficially, to award the contract to the seller, nor has any amount been paid, promised or intended to be paid to any such individual or firm irrespective of any such intercession, facilitation or recommendation.



- 29.2 The Seller agrees that if it is established at any time to the satisfaction of the purchaser that the present declaration is in any way incorrect or if at a later stage it is discovered by the purchaser that the seller has engaged any such individual / firm, and paid or intended to pay any amount gift, reward, fees, commission or consideration to such personal party, firm or institution, whether before or after the signing of this contract the seller will be liable to refund that amount to the purchaser.
- 29.3 The purchaser will also have a right to consider cancellation of the contract either wholly or in part, without any entitlement or compensation to the seller who shall in such eventuality be liable to refund all payment made by the Buyer in terms of the contract along with interest at the rate of 2% per annum above LIBOR rate. The purchaser will also have the right to recover any such amount from any contracts concluded earlier with the Government of India.
- 29.4 The seller will also be debarred from entering into any supply contract with the Government of India for a period as deemed fit by the purchaser.

30. ACCESS TO THE BOOKS OF ACCOUNT

In case it is found to the satisfaction of the Purchaser that the Seller has engaged an Agent or paid commission or influenced any person to obtain the contract as described in clauses relating to Agents/Agency Commission and penalty for use of undue influence, the Seller, on a specific request of the Purchaser shall provide necessary information/inspection of the relevant financial documents/information.

31. PATENT AND OTHER INDUSTRIAL/INTELLECTUAL PROPERTY RIGHT

- 31.1 The prices quoted in the present tender shall be deemed to include all amounts payable for the use of patents, copyright, registration charges, trademarks and payment for any other industrial property rights.
- 31.2 The Tenderer shall indemnify the Purchaser against all claims from a third party at any time on account of the infringement of any or all the rights mentioned in the previous paragraphs, whether such claims arise in respect of manufacture or the use. The tenderer shall be responsible for the completion of the supplies, irrespective of the fact of infringement of any or all the rights mentioned above.

- 32. TRANSFER AND SUB-LETTING:-** The Tenderer has no right to give, bargain, sell, assign or sublet or otherwise dispose of the resultant contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the resultant contract or any part thereof.

- 33. FORCE MAJEURE CLAUSE:** If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed or *becomes impossible or unlawful* by reason of any war, hostility, acts of public enemy, civil commotion, sabotage, fires, floods, explosions, epidemics, quarantine restrictions, strikes, lockouts or act of God (hereinafter referred to "events") provided, notice of the happening of any such event is given by either party to the other within 21 days from the date of occurrence thereof, neither party shall by reason of such event, be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance or delay in performance, and deliveries under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, and the decision of the Purchaser as to whether the deliveries have been so resumed or not, shall be final and conclusive, PROVIDED FURTHER that if the performance in whole or part or any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding 60 days, either party may at its option terminate the contract provided also that if the contract is terminated under this clause, the purchaser shall be at liberty to take over from the contractor at a price to be fixed by the Purchaser, which shall be final, all unused, undamaged and acceptable materials, bought out components and stores in



course of manufacture in the possession of the contractor at the time of such termination or such portion thereof as the purchaser may deem fit excepting such materials, bought out components and stores as the contractor may with the concurrence of the purchaser elect to retain.

34. TERMINATION OF CONTRACT

34.1 Time shall be the essence of the contract.

34.2 The Purchaser shall have the right to terminate this Contract without any notice in part or in full in any of the following cases:-

34.2.1 The delivery of the material is delayed for causes not attributable to Force Majeure after the scheduled date of delivery.

34.2.2 The Seller is declared bankrupt or becomes insolvent.

34.2.3 The delivery material is delayed due to causes of Force Majeure by more than 60 days.

34.2.4 In case Performance Security is not furnished within 30 days from the date of issuing of AT.

34.2.5 In case the seller fails to supply the store within scheduled delivery period in which case Performance Security Deposit shall also be forfeited.

35. CORRESPONDENCE PROCEDURE

35.1 Any **Query /Clarification/ Representation** related to this Tender must be strictly be addressed to DIG (Proc.), Procurement Branch, HQ DG NDRF, A-Wing, Second Floor, Lok Nayak Bhawan, Khan Market, New Delhi-110003, (Email: dcproccell-ndrf@gov.in , Tele No. 011-24611518, Fax No. 011-24611519) only, till the issuance of A.T.

35.2 Tenderers are requested to write full name and designation of authorized signatory on all the correspondence to be made with the purchaser.

35.3 Firm should intimate any change in their Address/Telephone/Fax/e-mail immediately. The state of non-communication with firm at any stage will make the offer/contract liable for rejection and cancellation respectively.

36. QUERY AND CLARIFICATIONS

36.1 In case of any contradiction noticed in this Tender Enquiry same be clarified within 07 days from the date of publication of tender on the website else decision/interpretation of NDRF in this regard would be final in all respect.

36.2 Queries/representations on Tender Enquiry received up to Pre-Bid meeting would only be entertained and considered. All queries and representations received after the date of Pre-Bid Meeting are liable to be ignored.

36.3 For any change in terms and condition of tender / tender specification, the Tenderers are requested to visit our websites www.ndma.gov.in & www.ndrf.gov.in and CPP Portal (www.eprocure.gov.in) regularly. **Any changes/modifications in tender enquiry will be intimated through these websites only.**

36.4 Tenderers are advised to visit above websites regularly to obtain updated information.

37. EFFECTIVE DATE OF CONTRACT: The time allowed for carrying out the supply will start from the day of issue of written orders (Acceptance of Tender) for supply of store in accordance with the schedule indicated in the tender/AT documents.

38. INSTRUCTION FOR ONLINE BID SUBMISSION

As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal (URL: <http://eprocure.gov.in>). The bidders are required to submit soft copies of their bids electronically on the CPP Portal at <http://eprocure.gov.in/eprocure/app>, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal,



prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at:
<https://eprocure.gov.in/eprocure/app>

38.1 **REGISTRATION**

- 38.1.1 Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal (URL: <http://eprocure.gov.in/eprocure/app>) by clicking on the link "Click here to Enroll". Bidder Enrolment on the CPP Portal is free of charge.
- 38.1.2 As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
- 38.1.3 Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
- 38.1.4 Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify / TCS / nCode / eMudhra etc.), with their profile.
- 38.1.5 Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse.
- 38.1.6 Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.

38.2 **SEARCHING FOR TENDER DOCUMENTS**

- 38.2.1 There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the CPP Portal.
- 38.2.2 Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective „My Tenders“ folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
- 38.2.3 The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk (Toll Free No. 18002337315)

38.3 **PREPARATION OF BIDS**

- 38.3.1 Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- 38.3.2 Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 38.3.3 Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF



/ XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.

- 38.3.4** To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Space” area available to them to upload such documents. These documents may be directly submitted from the “My Space” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

38.4 SUBMISSION OF BIDS

- 38.4.1** Bidder should log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- 38.4.2** The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- 38.4.3** Bidder has to select the payment option as “offline” to pay the tender fee / EMD as applicable and enter details of the instrument.
- 38.4.4** Bidder should prepare the EMD as per the instructions specified in the tender document. The original should be posted/couriered/given in person to the Tender Processing Section, latest by the last date of bid submission. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
- 38.4.5** Price Bid Format is provided in a standard BoQ format(.xls File) which has been provided with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BoQ file, open it and complete the white coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file template is found to be modified by the bidder, the bid will be rejected.
- 38.4.6** The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- 38.4.7** All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done.
- 38.4.8** The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- 38.4.9** Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
- 38.4.10** The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.



ASSISTANCE TO BIDDERS

- 38.5.1** Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
- 38.5.2** Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is 1800 233 7315.
- 38.5.3** For any queries, the bidders are asked to contact through e-mail dcproccell-ndrf@gov.in or by phone : 011-24611518 or CPPP toll free no. 1800-233-7315.


 (S.S. Guleria)
 Dy. Inspector General
 Directorate General (NDRF)
 Ministry of Home Affairs
 New Delhi

For and on behalf of the President of India



SCHEDULE-II**SPECIAL INSTRUCTIONS**

(If any instruction contained in this tender is contrary to instruction mentioned in special instructions, the special instruction will prevail.)


1.	Time and date of receipt of Tender	:		See at Page No. 01
2.	Time and date for opening of Tender	:		
3.	Tender Cost	:		Rs.1000/-
4.	Store	:		1) Inflatable Motor Rescue Boat (10 Seated) 2) Tool Kit. 3) Foot Pump 4) Battery operated Electric Pump
5.	Quantity	:		1) Inflatable Motor Rescue Boat (10 Seated) - 624 Nos. 2) Tool Kit. - 624 Nos. 3) Foot Pump - 1248 Nos. 4) Battery operated Electric Pump - 624 Nos.
6.	Validity of offer	:		12 Months from date of opening of Tender.
7.	INSPECTION	:		
	(a) Authority			The inspection authority for the boats will be IRS and BOOs detailed by Director General, NDRF. (Inspection Charges, if any, will be borne by the Tenderer).
	(b) Survey/ Function Trial	:	(i)	Survey and functional trial of the Inflatable Motor Rescue Boat (10 seated) will be carried out by IRS & BOOs detailed by DG, NDRF.
			(ii)	If any Inflatable Motor Rescue Boat (10 Seated) is rejected in final inspection/trial as not conforming to Tender Specifications the same Stores must be replaced within scheduled Delivery Period before final acceptance.
			(iii)	Alternatively at purchaser's option, money be refunded positively within 60 days of issue of notice of such rejection in case any payment is already made to the seller.
			(iv)	The DG's right of rejection in this regard will be final and absolute.
8.	Earnest Money	:	(i)	Rs.17,32,900/- (Rupees Seventeen Lakh Thirty Two Thousand Nine Hundred) only with the validity of 12 Months from date of opening of Tender.
			(ii)	In case, EMD is furnished in the form of BG then it should be valid for 12 months from the date of opening of Tender.
9.	Terms of Delivery	:		Free delivery to consignee basis.
10.	Delivery period	:		(i) The delivery period shall be fixed after granting bulk production clearance. The delivery period will be 09 months from the date of BPC. (ii) Prototype sample should be required to submit within 90 days after acceptance of AT. (iii) No lead time will be granted. (iv) No grace period will be granted. Note:- There is a provision of capacity verification to decide the capability of the firm regarding rate of supply. As such, splitting the ordered quantity to more



				than one firm is for ensuring the supplies within DP.
11.	Payment Terms	:		Consignee's wise 100% payment will be processed for payment on receipt of stores in good condition and demonstration of the stores will be provided by the firm at the time of survey/line committee of store at each consignee location.
12.	Eligibility Criteria	:	(i)	Only those firms which are manufacturer of the store specified in the tender.
			(ii)	The firm concerned should have demonstrated track record of supplying of above store in last three years.
			(iii)	Bids of only those firms who may submit the bank solvency certificate for Rs.3.5 Crore shall be treated as eligible.
			(iv)	The solvency certificate shall be from a nationalized or scheduled bank and issued within a period 01 month from the date of final date of submission of tender. Validity period shall be 12 (twelve) months from the date of issue of certificate by the bank. The solvency certificate without date, seal and signature of the issuing authority shall be rejected.
			(v)	The bidder should offer minimum 50% of the quantity of store.
13.	Penalty	:	i)	Penalty @ 0.5 % per week or part thereof of the contract value shall be levied for delay in supply subject to a maximum of 10% in the form of LD.
			ii)	In case the firm does not complete the supply within the delivery period, action will be taken against the firm as per rules.
14.	Guarantee/Warranty	:	(i)	The Inflatable crafts supplied shall bear a warranty of the contractor, against defective material, workmanship and performance for a period of 24 months from the date of receipt of the consignment of the stores. During this period if any of the stores supplied found defective the same shall be replaced by the contractor free of charge at the consignee place as soon as possible and in any case not later than one month from date of receipt of intimation by the contractor free of charge at the consignee place as soon as possible and in any case not later than one month from date of receipt of intimation by the contractor. Delay in replacement /repair beyond one month shall invite penalty @ 0.5% per week or part thereof of the cost goods/stores/parts assembly in should have manufacturers /builders warranty of 05 years for the fabric used and 24 months from the adhesion at joints, under normal exploitation.
			(ii)	Guarantee/ Warranty period will start from the date of acceptance of stores in full and final quantity in satisfactory condition after due inspection and / or on successful installation and commission as applicable.
15.	Training	:		Firm will provide operational / technical training at all consignees' locations for a duration of 03 days free of cost.
16.	Packing & Marking	:	(i)	As per clause 12 of the general condition of contract




			DGS&D-68 (revised).
		(ii)	As per para 17 of the specifications of this TE, the unit shall be suitably packed to withstand the hazards of rail/road transit and with a view to avoid any damage during transit and safe arrival at consignee's address.
17.	<u>Pre-bid conference</u>	:	<div>(i)</div> <div>(ii)</div>
		(i)	It will be held on 20/07/2017 at 1430 hrs , at Conference Room, HQ DG NDRF, A-Wing, Second Floor, Lok Nayak Bhawan, Khan Market, New Delhi – 110003.
		(ii)	In case of any objection/ suggestion in tender QRs/ Specifications bidder should come along with sample equipment to demonstrate the sample if required, in Pre Bid conference or give proper presentation / literature in their support.
18.	Language of all bid documents, correspondences and technical literature etc. shall be English only. The bidders are required to submit their price bid/EMD/PSD in Indian Rupees only.		
19.	The date of manufacturing of the tendered equipment/ store should not be older than the year of tendering i.e. 2017.		
20.	All tests and trials will be carried out to the entire satisfaction of the Purchaser.		


 (S.S. Galeria)
 Dy. Inspector General (Prov.)
 For and on Behalf of President of India
 Directorate General (NDRF)
 Ministry of Home Affairs
 New Delhi



SCHEDULE-III**LIST OF STORES**

S.NO	DESCRIPTION OF STORES	QTY
01	Inflatable Motor Rescue Boat (10 Seated)	624 Nos.
02	Tool Kit.	624 Nos.
03	Foot Pump	1248 Nos.
04	Battery operated Electric Pump	624 Nos.


(S.S. Guleria)
DIG (Proc.) NDRF
For and on behalf of the President of India
Directorate General (NDRF)
Ministry of Home Affairs
New Delhi



SCHEDULE-IV**LIST OF CONSIGNEES****NAME & ADDRESS OF CONSIGNEE AND QUANTITY**

SL NO.	UNIT	Qty. (in Nos.)	Stores
1.	The Commandant 01 Bn NDRF, Patgaon, Po- Azara, Guwahati (Assam), Distt- Kamrup, Pin-781017 R/Stn- Guwahati	60	Inflatable Motor Rescue Boat (10 Seated)
		60	Tool Kit.
		120	Foot Pump
		60	Battery operated Electric Pump
2.	The Commandant 02 Bn NDRF, Haringhata Near RRT Post Office Mohanpur Distt – Nadia West Bengal Pin 741246	60	Inflatable Motor Rescue Boat (10 Seated)
		60	Tool Kit.
		120	Foot Pump
		60	Battery operated Electric Pump
3.	The Commandant 03 Bn NDRF, Mundali, Post : Mundali, Distt- Cuttack, (Odisha) R/Stn- Cuttack	60	Inflatable Motor Rescue Boat (10 Seated)
		60	Tool Kit.
		120	Foot Pump
		60	Battery operated Electric Pump
4.	The Commandant 04 Bn NDRF, Arakkonam, Post Suraksha Campus Distt. Vellore (TN) Pin Code - 631152 R/Stn Arakkonam	60	Inflatable Motor Rescue Boat (10 Seated)
		60	Tool Kit.
		120	Foot Pump
		60	Battery operated Electric Pump
5.	The Commandant 05 Bn NDRF, Village – Sadumbare, Taluka – Maval, Distt – Pune Maharashtra R/Stn - Talegaon,	60	Inflatable Motor Rescue Boat (10 Seated)
		60	Tool Kit.
		120	Foot Pump
		60	Battery operated Electric Pump
6.	The Commandant 06 Bn NDRF, Jharoda Camp Crpf, The Wagodia Distt: Vadodara (Gujarat) 351510 R/Stn- Vadodara	60	Inflatable Motor Rescue Boat (10 Seated)
		60	Tool Kit.
		120	Foot Pump
		60	Battery operated Electric Pump
7.	The Commandant 07 Bn NDRF, Post Box-81, Bibiwala Road, Distt- Bhatinda (Punjab) R/Stn : Bhatinda (Punjab)	60	Inflatable Motor Rescue Boat (10 Seated)
		60	Tool Kit.
		120	Foot Pump
		60	Battery operated Electric Pump
8.	The Commandant 08 Bn NDRF, Kamla Nehru Market, Sector-19, Ghaziabad (UP)	60	Inflatable Motor Rescue Boat (10 Seated)
		60	Tool Kit.
		120	Foot Pump
		60	Battery operated Electric Pump
9.	The Commandant 09 Bn NDRF, NH-30, Ara Road, Bihta, Patna (Bihar)	72	Inflatable Motor Rescue Boat (10 Seated)
		72	Tool Kit.
		144	Foot Pump
		72	Battery operated Electric Pump
10.	The Commandant 10 Bn NDRF, Acharya Nagarjuna University Campus, PO- Nagarjuna Nagar, Distt.: Guntur (A.P)-522510	72	Inflatable Motor Rescue Boat (10 Seated)
		72	Tool Kit.
		144	Foot Pump
		72	Battery operated Electric Pump



(S.S. Guleria)
DIG (Proc.) NDRF
For and on behalf of the President of India

SPECIFICATION OF INFLATABLE BOAT**1. SCOPE:**

This specification relates to the detailed requirements for the design, construction, tests & trials, documentation and warranty of 4.5m Inflatable Boats, intended for NDRF.

2. FUNCTIONS:

2.1 The inflatable boat shall perform the following tasks :-

- (a) Search & Rescue during floods
- (b) Transport men and material

2.2 The boat shall be designed to be seaworthy and carry out functions listed at Para 2.1 with full complement and at speeds (not less than 05 knots commensurate with 30HP OBM). The craft shall be stable and should meet swamp & stability requirement specified at Para 18.16 of this Specification.

2.3 The boat shall be designed to have good maneuverability and throttle response throughout its speed range (using 30HP OBM 4 stroke) and particularly when coming alongside or breaking away from an underway vessel at its full load and complement.

3. PRINCIPAL PARTICULARS:-

- (a) Length exterior – Not less than 4500 mm
- (b) Breadth exterior – Not less than 1960 mm
- (c) Length interior - min. 3200 mm
- (d) Breadth interior – min. 1000 mm
- (e) Dia. of Buoyancy Tube - Not less than 480 mm
- (f) Carrying Capacity – 10 men (82.5 Kg per person)
- (g) Weight of the craft – Not more than 90 kg for boat &
Not more than 40 Kg for the floor boat & accessories
(Without OBM)

3.2 The craft shall be built of Buoyancy Tube made of Composite Fabric consisting of Hypalon (outer layers) and Neoprene (inner layers) of 1670 Dtex or equivalent, inspected by IRS as per ISO 15372. The bottom floor of the boat shall be made of the same fabric as buoyancy tube. Reinforcement of the boat shall be provided using rubberized strips of Hypalon (outer layer) and Neoprene fabric (inner layer). The stern of the boat formed by a transom shall be made of Marine Plywood on which OBM can be mounted.

4. APPROVAL AND INSPECTION BY INSPECTION AUTHORITY

4.1 The Craft is to be constructed under the approval of Indian Register of Shipping (IRS) in accordance with ISO 6185, Part 3 (2014) and the minimum requirements specified this requirement. Parameters not mentioned in this specification would be in accordance with ISO 6185, Part 3 for inflatable crafts, so as to ensure that the craft meets all functional/material requirement specified in this specification.

4.2 Class approval shall cover following aspects:-

- (a) Design vetting
- (b) Drawing approval
- (c) Material Inspection
- (d) In-process Inspections
- (e) Tests & Trials

5. CONSTRUCTION DETAILS**Buoyancy Tube**

5.1 The material used for buoyancy tube shall be of Hypalon (outer layers) and Neoprene (inner layers) composite fabric, of 1670 Dtex or equivalent inspected by IRS as per ISO 15372. The Buoyancy Tube shall be divided in to a minimum of 04 air tight compartments

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by means of baffles/bulk-heads. Each compartment shall be fitted with a combined inflation/deflation valve. The valves shall be made of rubber moulding and plastic nylon material or alternate marine grade material approved by class. The valves should be of reputed make and approved by Classification society for use on inflatable crafts.

- 5.2 The ends of the tube shall be conical and should terminate in suitably stiffened rubber conical flat ends to take impact loads during coming alongside/lowering. The two legs of the Buoyancy Tube shall be parallel and the width readings at the transom and at midship shall not differ by more than 3%.
- 5.3 The tube shall be strong enough to sustain the effects of ramming whilst coming alongside. The upper layer shall be strong enough to bear the rubbing impact against rough surfaces. In addition, an emergency repair kit with quick drying adhesive and ready use repair patches shall be provided.
- 5.4 The construction of the Buoyancy Tubes should be in accordance with class approved drawings and production processes.
- 5.5 The attachment of bulkheads in the buoyancy tube shall be such that each chamber is rendered air tight under specified pressure.
- 5.6 The seams in the buoyancy chambers shall have an overlap not less than 3cm width and should be pasted with cold glue vulcanisation process or equivalent Class approved process. An additional strip is to be glued at the edge of each panel junction as well as strip inside all assembled parts in order to ensure a perfect water tight preventing from any leakage.

Inflation/Deflation Valve

5.7

- (a) The Inflation/Deflation valve shall combine a high pressure air connection with a deflation valve in each air tight chamber and shall be as per ISO 6185-3 (2014).
- (b) The valve shall be fitted proud of the buoyancy tube on inner side of the buoyancy tube to enable identification/location in darkness.
- (c) The material of inflation/deflation valve fitted on the buoyancy tube shall be of suitable material for marine application.
- (d) Alternate design/arrangement for inflation/deflation valves which meet the above functional requirements is acceptable subject to the approval of Classification Society.

Floor

- 5.8 The floor shall be made of Hypalon (outer layers) and Neoprene (inner layers) composite fabric, of 1670 Dtex or equivalent inspected by IRS as per ISO 15372. The floor shall be bonded to the underside of the buoyancy tube and attached by a floor retaining strip to the transom board. It shall be strengthened on its underside in way of the keelson by a keelson chafing strip of minimum 100mm wide fabric. Chafing strips shall also be bonded to the underside at the after ends of the tubes.
- 5.9 Special attention shall be paid to the attachment of the floor to the buoyancy tube to ensure that the resulting joint is water tight. Special care is also to be taken that the floor is perfectly taut and smooth and has no puckers, when the craft is assembled and ready for use.

Self-Bailers/Drain Valves

- 5.10 Two self-bailers akin to NRV shall be located on the lowermost part of the transom board near the rear end fitment of the keel close to the centre line. The same shall be provided with a flexible flap to overcome pressure on the NRV in following seas. The self-bailers shall automatically remove water from the craft at higher speeds.

Transom

- 5.11 The transom board shall be fitted and securely bonded to the buoyancy tube and the floor so as to provide a water tight joint. The Transom shall be designed for use with 30 HP



OBM. The transom shall be made of marine plywood coated with FRP/GRP of appropriate thickness and to be suitably fitted out with engine mount made of marine grade Aluminium alloy plate and chafing patch. Hypalon coated fabric shall be pasted on the surface area of the transom to prevent it from damage as well as loosening from the tube body. Separate strip of suitable size shall be provided on the bottom of the transom to minimize chance of damage. Details regarding craft identification No. etc. shall be engraved on a builder's plate fitted on the inner side of the transom on starboard side. Towing rings, cleat and 'U' bracket shall be provided as per approved drawing.

Floor Boards.

5.12 The Floor boards shall be made of High Strength Tempered Anodised marine grade Aluminium alloy with a non-skid finish. These boards (Four/Five pieces) shall be interconnected together to form a rigid platform. The forward/bow piece of floorboard may be made of marine plywood (IS 710) coated with FRP lamination.

Alternatively, Floorboard can be made of High Strength Tempered Anodised marine grade Aluminium alloy roll-up floor with a non skid finish on top to form a rigid platform.

Keel

5.13 The boat shall be provided with inflatable keel of suitable size to provide the rigidity & stability during operation of boat.

Stowage Pockets.

5.14 Minimum One Stowage pockets shall be attached to the buoyancy tube in the forward in board side. The stowage pockets provided shall be capable of holding dynamic weight of 6 Kgs. Holes are to be provided at the bottom of the pocket to drain water (Size 340mm x 280mm x 90mm).

Rubbing Strips..

5.15 Following single piece Rubbing Strips of moulded neoprene rubber of 2" width (where not mentioned) and extending along the entire length shall be attached to the buoyancy tube for the protection of the craft:-

- (a) Bow rubbing strip 4".
- (b) Outer anti chafing strip 100mm wide on both sides.
- (c) Anti-Chafing Strip under Keel.
- (d) Two Beaching Strips 100 mm wide under buoyancy tubes.
- (e) Chafing patch for coxswain's position

Carrying Handles.

5.16 Minimum Four Carrying handles shall be provided, two on each side and one front lifting handle. The handles shall be suitably reinforced to take a weight of 300 kgs all together. The handles shall be of Moulded Neoprene Rubber bonded to the buoyancy tubes.

Towing Fittings and Securing Arrangements.

5.17 Following Towing fittings shall be provided. Towing fittings shall consist of suitably sized D Shackle of SS AISI 316(to pass towing rope) securely attached to fabric reinforcing patches bonded to the buoyancy tube.

- (a) Towing/ Lifting fittings, forward – One on either side of the craft, below the buoyancy tube at the beginning forward curve in the buoyancy tube.
- (b) Towing fittings, aft – One on either side on the transom, shall be used if craft is employed for towing purposes.
- (c) Load Test. The towing arrangement shall be load tested as per ISO 6185-3.

Oars & Oar Securing Assemblies.

5.18 . Two nos. of oars to be provided. Oars shall be positioned parallel/30° to the vertical when secured inside the inboard side of buoyancy tubes. Adequate securing arrangement shall be provided so that the oars are intact.



Foot Bellow pumps

- 5.19 Heavy duty bellow type foot pump (reputed make) of suitable design shall be provided to inflate the craft in approximately 20 minutes. The housing of pump is to be made of a heavy duty yet light weight marine composite. The Bellow to be made of coated reinforced fabric and all metal parts should be of stainless steel. In addition, one heavy duty electric inflation pump of reputed make (12 V DC) and one pressure guage (capable of measuring pressure of tubes) of reputed make to be provided.

Fabric Fittings

- 5.20 Patches, doublers, anchorages, etc. shall be made and positioned as shown on the drawing which indicates finished size. Suitable tape/webbing reinforcement shall be used to distribute stresses adequately.

Grab line

- 5.21 There shall be grab line nylon braided (as per IS 4227) of dia. min. 12.0mm all along the sides for safety to be provided.

6. MATERIAL SPECIFICATIONS

- 6.1 Material Specification for the various items to be used for construction of Inflatable crafts are as follows:-
- a) The Material Specification for buoyancy tube, inflatable keel composite fabric of 1670 Dtex or equivalent as per ISO 15372 and inspected by IRS.
 - b) The Material Specification for floor system as per recognized national/international standard.
 - c) The material specified shall be strictly adhered to and no deviation is permitted. Materials referred to as approved shall be so approved by the Classification Society in accordance with the requirement specified in this Rule.
 - d) The colour of all exposed surfaces / material shall be highly visible orange color.

Adhesive

- 6.2 The adhesive shall be Neoprene based contact adhesive of good quality and to be suitable for service in tropical environments as per specification. The adhesive shall consist of a dispersion of polychloroprene in a low boiling point solvent and may have additions of resins to promote building tack. The adhesive shall consist of 2 components, Part 1 and Part 2, Part I being the basic neoprene dispersion and part 2, the accelerator (hardener).
- 6.3 The adhesive should be approved by Classification Society for use on inflatable and meeting the minimum requirements specified in ISO 6185-3 (2014).
- 6.4 Alternate adhesive superior in properties are also acceptable subject to type approval of Classification Society as per ISO 6185-3(2014).

7. PRINCIPAL COMPONENTS OF BOAT

The principal components of the complete assembly are as follows:-

7.1 Hull

- 7.1.1 Buoyancy tube - Divided in minimum 04 compartments and complete with rubber conical flat ends.
- 7.1.2 Bulkheads -Dividing the buoyancy tube into min.4 compartments.
- 7.1.3 Inflation/deflation valves – one set per chamber.
- 7.1.4 Transom- fitted with engine mount, anti-chaff patch.
- 7.1.5 Floor - in proofed fabric
- 7.1.6 Keelson chafing strip – 1 No.
- 7.1.7 Aft chaffing strip – 1 No.
- 7.1.8 Inflatable Keel- 1 No.

7.2 Hull Fittings

- | | | | |
|-------|---------------------------------------------|---|-------|
| (i) | Bow Rubbing strip | - | 1 No. |
| (ii) | Side Rubbing strip Aft | - | 1 set |
| (iii) | Carrying Handles (Patch rubber with handle) | - | 4 Nos |



- (iv) Grab line - 1 set
- (v) SS to AISI - 316 Hook on transom - 2 Nos
- (vi) SS to AISI - 316 "D" rings - 2 Nos
- (vii) Pockets for stowage - 1 Nos
(One for wireless set & one for inflation bellow pump)
- (viii) Oars (Shall be light weight not more than 4Kgs and positively buoyant in water)
- (ix) Repair Kit (small) – fabric patches 05, adhesive tube (Dendrite) 500 gm, roughing tool, spanners of required sizes.

7.3 Valises and Store bags

- (i) Heavy duty storage bag for Hull – 01 No.
- (ii) Storage bag for oars & other accessories – 01 No

7.4 Additional Spares

- (i) Inflation/ Deflation Valves - 10 Nos
- (ii) Pressure gauge - 01 No
- (iii) Plugs for Water Drain - 04 Nos
- (iv) NRV for Water Drain - 10 Nos
- (v) Electric Inflation pump - 01 No
- (vi) Bellow Inflation Foot Pump - 02 Nos
- (vii) Patching material with adhesive to repair leak/damage in buoyancy tube.

8. PRODUCTION.

- 8.1 Manufacturing of the craft should be as per the detailed drawings approved by Indian Register of Shipping (IRS) and meeting the requirements mentioned in this specification. The production processes should also be approved and supervised by the IRS.

Tolerance

- 8.2 General tolerances on all dimensions shall be ± 1.5 mm unless otherwise specified in this specification or approved by Classification Society. The exceptions to this general limit shall be in respect of stuck-on components length of webbing and cordage, and the overall dimensions of components etc; these items shall be given a sliding scale tolerance which increases in accordance with the magnitude of dimensions.

Production Damages

- 8.3 Any Production damage irrespective of size shall be repaired by complete part / panel replacement only. The replacement is to undertaken by the contractor free of charge at the consignee place as soon as possible and in any case not later than one month from the date of receipt of intimation.
- 8.4 No patch repair is permitted on buoyancy tube/ floor. In case of production damages only part/ Panel Replacement shall be permitted.
- 8.5 Where a part panel replacement is necessary, the following parameters shall apply:
- (i) On the buoyancy tubes, not more than one part panel replacement will be permitted on each craft.
 - (ii) On the floor not more than one part panel replacement will be permitted on each craft

9. RECORDS

- 9.1 The builder shall develop and maintain records that demonstrate the effective operation of his quality control system and shall make these records available for review of the Inspecting agency. Inspection records shall include explicit identification of the material, part sub-assembly, equipment, sub-system or system, the nature and number of observations made, the number and type of deficiencies found the quantities approved or rejected and the nature of the corrective action taken, as appropriate. Records shall be retained until disposal is directed by the Inspector. The contractor shall furnish a copy of any record to the Inspector, on request.



10. DRAWING & DOCUMENTS

10.1 Within one month of placement of order the builder shall submit the design and manufacturing drawings for the approval of the Classification society. Construction of the craft is to commence only after the approval of all drawings by Class. Drawing approval should include approval of Classification Society for component level detailed production drawing required for manufacturing the craft.

10.2 **As Fitted Drawings/Documents.** On successful completion of all tests/trials and prior to the delivery of the specific boat, the Builder shall supply to consignee two sets each of the following as fitted /as made drawings and documents with the craft.

10.2.1 Buoyancy tubes

10.2.2 End cones of buoyancy tube

10.2.3 Floor and details of joint between floor and buoyancy tubes.

10.2.4 Transom with details of joint between transom, floor and buoyancy tube

10.2.5 Assembly drawings for keelson and floor board

10.2.6 Fitment details of each of fittings:-

(a) Inflation/Deflation valves

(b) Self bailers

(c) Rubbing Strips

(d) Carrying Handle

(e) Towing fittings,

(f) OBM attachment drawings illustrating Engine support.

(g) Fuel oil/L.O. system with storage provisions

10.3 The builder shall also supply soft copy of all the As Fitted /As Made drawings to the consignee.

11. INSPECTION.

11.1 The inspection authority for the boats will be Indian Register of Shipping (IRS). The complete inspection of the craft as mentioned at Para 4 of this specification will be undertaken by Classification Society as per approved QAP. Towards this builder will submit the draft QAP for the approval of Classification Society, within one month of placement of order.

11.2 The cost of conducting tests and the material required for the purpose are to be borne by the builder. The suitable OBM (30 HP) and POL for conducting trials shall be provided by the builder at the site of trials. In case the builder premises does not have river front, the builder should transport the first craft to suitable location in India (mainland) specified by the order placing authority.

12. USER ACCEPTANCE OF FIRST CRAFT OF EVERY ORDER

On successful completion and clearance post clearance from Classification Society, the first boat of the every order will be subjected to extensive user trials covering all functional requirements as well as test & trials brought out in this Specification. The trials shall be conducted jointly by Classification Society and Customer nominated team. Deficiencies observed by the trial team w.r.t the requirements stipulated in this specification should be liquidated by the builder at no extra cost. Subsequent crafts of the order shall be cleared by inspecting agency only after liquidation of all deficiencies observed during user acceptance trials of first craft.

13. WARRANTY CLAUSE

13.1 The inflatable crafts supplied shall bear a warranty of the contractor, against defective material, workmanship and performance for a period of **24 months** from the date of receipt of the consignment of the stores. During this period if any of the stores supplied found defective the same shall be replaced by the contractor free of charge at the consignee place as soon as possible and in any case not later than one month from date of receipt of intimation by the contractor. Delay in replacement /repair beyond one month shall invite penalty @ 0.5% per week or part thereof of the cost of goods/stores/parts/assembly in



question. In addition Inflatable crafts should have manufacturers /builders warrantee for 05 years for the fabric used and 24 months for the adhesion at joints, under normal exploitation

14. INSPECTION AUTHORITY

14.1 The inspection authority for the boats will be IRS.

15. DEFLATION AND DISMANTLING

15.1 When deflated and dismantled the craft and components shall be stowed in heavy duty top-proofed PVC coated nylon valises fabric as defined in Para 7.3 above

16. STENCILLING AND MARKING.

16.1 The following shall be marked on builder's plate fitted on inner side of the transom starboard side.

BOAT GENERAL PURPOSE

INFLATABLE NO.:

DATE OF SUPPLY:

NAME OF MANUFACTURER :

MAX LOAD CARRYING CAPACITY (KG):

MAX MOTOR RATING (KW):

MAX NO. OF PERSONS:

RECOMMENDED WORKING PRESSURE

16.2 The following parts shall have the identification of the craft permanently marked on them:-

Bottom boards	-	Stencil marking to be made
Oars	-	-do-
Storage bags	-	-do-
Valises	-	-do-

16.3 The stenciling is to be in black ink, waterproof and of a quality non-injurious to the proofed fabric.

17. PACKING INSTRUCTION

17.1 The unit shall be suitably packed to withstand the hazards of rail / road transit and with a view to avoid any damage during transit and safe arrival at consignee's address.

18. INSPECTION TEST AND TRIALS FOR PROTOTYPE CRAFT.

Physical and Chemical Tests

18.1 Fabric and cordages are to be of approved type. If considered necessary, following physical and chemical tests on samples of various types of fabrics, cordages shall be carried out by Classification Society in order to ensure that these conform to the required designed specifications.

Fabrics

18.2 Prior to starting manufacture, the manufacturer shall submit samples of the fabric to the Inspecting Officer as follows:

Buoyancy Fabric	-	1 Meter long full width
Floor Fabric	-	-do-

18.3 The testing of fabric shall be arranged at appropriate NABL approved laboratories in presence of IRS Surveyor.

Cordages

18.4 Test certificates in respect of these items issued by an independent testing authority, where possible or by the manufacturer may be accepted. In case of doubt the purchaser's Inspector may draw samples for testing at the approved Laboratories.



Dimensions

- 18.5 The dimensions of the craft shall be measured with the craft inflated and completely rigged.
- 18.6 The diameter of the buoyancy chambers shall be taken at 3 points along each parallel side. The width shall be measured at the transom and at a point midship. The internal lengths shall be measured between a pump line from inner one of the buoyancy tube to the bottom end of transom along the floorboards.

Air Inflation Tests

- 18.7 The under mentioned tests shall be carried out of the craft when completed with all fittings. During the tests draughts shall be guarded against and the temperature shall be kept as constant as possible throughout the test.
- 18.7.1 For every 1° Centigrade (1 degree Fahrenheit) rise above the temperature at commencement of the test, 0.004 bar (0.058 PSI or 1.5 inch of water) is subtracted from the final pressure reading and for every 1° Centigrade (1 degree Fahrenheit) fall in temperature 0.004 bar (0.058 PSI) shall be added to the final pressure reading. If the temperature variation during the period of the test is greater than 3.0° C the test is invalid and a further test shall be made under more constant temperature conditions. Accurate thermometer readings shall be taken.

Inflation Test

Preliminary Inflation Tests

- 18.8 The whole of the buoyancy tube shall be inflated 1.2 times of nominal pressure defined by manufacturer (but min. 2 PSI (55 inches of water) to pre-stretch the boat and left for 30 minutes. The pressure at the end of this test shall not be noted, but craft examined for undue stretch or distortion.

Air tightness Pressure Test

- 18.9 The whole of the buoyancy tube shall be inflated to nominal pressure defined by manufacturer (but min. 0.14 kg/cm² or 2 PSI) and left for 24 hrs., the pressure drop after correction for temp. change shall not be greater than 20% in any compartment.

Bulkhead/Overpressure Test

- 18.10 Each Chamber of the buoyancy tube shall to be inflated to 1.5 times of nominal pressure defined by manufacturer (but min. 3 PSI) with all other chambers remaining deflated and left for 30 minutes. No damage or rupture shall occur. Fall in pressure corrected for change in temperature shall not to exceed 0.012 Kg/cm² or 4.5 inch of water column.
- 18.11 The tests stipulated in 18.12 to 18.15 below shall be carried out in calm conditions in smooth water. Service Floor Boards with additional 10 Kg weight shall be used for the tests.

Floatation Test

- 18.12 Each craft shall be inflated and assembled complete with keelson and bottom boards. It shall be floated in water. A load of 825 Kg shall be distributed evenly over the floor boards and the craft left floating for 30 minutes. No leakage of water is to occur. Any defects found at the conclusion of this test shall be made good by the builder.



Free Board

18.13 The free board of the vessel when floating fully inflated in calm water and loaded with a test load of 825 Kg. shall not be less than $1/6^{\text{th}}$ the diameter of the main buoyancy tube, forming a side of the vessel, such free board being measured at mid length of the vessel.

Assembly/ De-assembly

18.14 It shall be proven that the craft can be assembled and de-assembled as per standard procedures.

Deflation

18.15 Deflation tests shall be carried to prove that the craft can be successfully deflated.

Swamp & Stability Examination

18.16 Swamp & stability check to be carried out as per ISO 6185-3.

Damage Test

18.17 The craft shall be capable of supporting 825 kgs with any two alternate compartments deflated.

Power Trials

18.18 Power trials with the outboard engine (30 HP OBM) shall be conducted under various loads (light load & full load min.) along with turing circle, maneuverability trials, crash stop and performance of the boat shall be satisfactory during trials.

Towing Tests

- 18.19 (a) The boat shall be tested in the manner described below.
- (b) Embark the maximum number of persons reckoned and position them uniformly within the seated area.
 - (c) Tow the boat by its towing point at a speed of not less than 4 knots, allowing a tow line length of 3 boat length.
 - (d) Carryout manoeuvres for not less than 15 min.
 - (e) The boat shall be closely examined at the end of the test period for any structural failure in the form of fracture, tear etc. on any part of the hull or boat component, such as deck or thwarts, and including any boundary interface such as floor/hull.
 - (f) The point of attachment of the tow line shall remain secure during the period of the test.
 - (g) Evidence of any of the referred-to structural failures shall be regarded as failure of the boat.

Righting Test

18.20 The capsized craft shall be capable of being righted by two men with an average weight of 82.5 Kg each. For this test if two men each weighing 82.5 Kg are not available, then 3 men whose total weight does not exceed 250 kgs may be used. During this test, the craft shall be in its light condition with no engine and or other equipment fitted in the craft.

Rowing test for Oars

18.21 It shall be proved that the craft loaded with 825 can be oar propelled. The craft shall be turned, brought alongside etc. The test shall be conducted over a distance of 300 meter in light load & full load condition of attachment to tube shall be examined for any damage.



19. TEST SCHEDULE FOR PRODUCTION CRAFTS.


- 19.1 **Fabrics** : Clause 18.2 applies
19.2 **Cordages** : Clause 18.4 applies
19.3 **Dimensions** : Clause 18.5 applies
19.4 **Other Tests** : Test prescribed in clauses 18.7 to 18.21 shall be carried out on all crafts except for 18.16, 18.17 & 18.20 which required only on first boat of the order unless there is no changes in stability or design data.
19.5 Minimum 20 Nos. of boats to be offered in a lot for inspection.

20. COMPLETION

- 20.1 The craft shall be completed in all respects to the satisfaction of the Inspector. All items of equipment to be checked. The craft shall be assembled on the shop floor and a check is to be carried out that the parts fit properly.
20.2 On completion of all tests and examinations the hull and bottom boards, etc. shall be packed into their valises, before dispatch.

NOTE

01	The confirmation that the stores are meeting the specification should be supported by adequate Documents/Literature etc.
02	These Documents of all stores offered be numbered and attached after all appendices and the numbering may be in continuation.
03.	All the equipment or entire set should be packed as per instructions contained in para-16 of Schedule-I & Schedule-II.
04.	All Boats shall be compatible and will be tested with 30 HP OBM with specification at Annexure – A to this schedule – V.


(S.S. Guleria)
DIG (Proy.) NDRF
For and on behalf of the President of India
Dy. Inspector General
Directorate General (NDRF)
Ministry of Home Affairs
New Delhi



SPECIFICATIONS OF OBM FOR WHICH THE BOATS TO BE TESTED

Sl. No.	PARAMETER/ SPECIFICATIONS
1.0	<u>Scope:</u> This specification relates to the detailed technical requirements of 30 HP Four Stroke Outboard Motor (OBM) intended to be used on 4.5m Inflatable Boats of NDRF.
2.0	<u>FUNCTIONS</u> 2.1 The 30 HP Four Stroke Outboard Motor (OBM) is intended to be used on 4.5m Inflatable Boats, which shall perform the following tasks :- (c) Search & Rescue during floods (d) Transport men and material
3.0	<u>Requirements</u>
3.1	The make & model of OBM shall be of reputed make. OBM make should have indigenous product support throughout India.
3.2	OBM shall be compatible (throttle response throughout its speed range, shaft length, propeller etc.) with 4.5m Inflatable Boats of NDRF and can be quickly attached to boat whenever required.
3.3	The Outboard motor shall be of four strokes, three cylinders in-line gasoline engine with suitable propeller.
3.4	The OBM should be capable of developing 30 HP.
3.5	The OBM shall have electronic fuel injection system.
3.6	The engine cooling system shall be water cooled with thermostat.
3.7	The OBM shall be provided with tiller handle for steering.
3.8	The OBM shall be provided with manual trim & tilt.
3.9	The exhaust shall be through propeller.
3.10	The lubrication system shall be wet sump.
3.11	The OBM shall be ultra-low emission ratings.
3.12	The length of the shaft of OBM shall be compatible with transom height of 4.5m Inflatable Boats of NDRF (Long shaft).
3.13	The engine and drive line shall be fitted in enclosed housing to protect from water.
3.14	OBM shall be manual starting capability.
3.15	OBM shall have forward, neutral & reverse gear shifting arrangement.
3.16	The OBM shall be provided with OEM supplied standard fuel tank along with suitable accessories such as connecting fuel hoses, male & female adapter.
3.16	OBM shall be provided with owner's manual & service manual.
3.17	OEM recommended standard spares are to be provided. <u>On-board spares (OBS)</u> 3.17.1) Engine oil filter - 03 nos. 3.17.2) Fuel Filter - 06 nos. 3.17.3) Air Filter - 02 nos. 3.17.4) Fuel line with priming valve and connectors - 01 no. 3.17.5) Propeller - 01 No. 3.17.6) Spark plug - 03 nos. 3.17.7) Spark plug wrench - 01 no. 3.17.8) Water pump repair kit - 01 set 3.17.9) Water pump impeller - 01 no. 3.17.10) Gear oil drawn screw washer - 06 nos. 3.17.11) Lubrication oil drain plug washer - 02 nos. 3.17.12) Fuses of all system complete - 02 set
3.18	OEM Shall be provided with suitable storage stand.



3.19	Dry weight of the OBM shall not be more than 85 Kgs.
4.0	<u>INSPECTION</u>
4.1	The inspection authority for the Outboard Motors will be DG NDRF and IRS. The charges of inspection authority shall be borne by the firm
4.2	The cost of conducting tests including POL and the material required for the purpose are to be borne by the firm
5.0	<u>PACKING INSTRUCTION</u>
5.1	The unit shall be suitably packed to withstand the hazards of rail / road transit and with a view to avoid any damage during transit and safe arrival at consignee's address.
6.0	<u>TEST & TRIALS</u>
6.1	Verification of OEM documents/certificate w.r.t. to engine model, sr. no., capacity, product description, emission rating etc. including owner's manual & service manual.
6.2	Visual examination of each OBM.
6.3	Installation of OBM on NDRF supplied boat. a) OBM should be capable of quickly attached to the boat. b) Shaft length of the OBM should be compatible with the transom height of boat.
6.4	Water trials of NDRF boats along with each new OBM covering:- a) Endurance trial on full load for one hour of one OBM in each lot being offered for survey. b) Performance of each OBM at light & full load. c) Maneuvering trial with each OBM d) Turing circle of with each OBM e) Astern Trial of with each OBM f) Verification of trim & tilt arrangement of each OBM.
6.5	Verification of accessories & OBS of each OBM.

S.S. GULERIA
Dy. Inspector General
Directorate General (NDRF)
Ministry of Home Affairs
New Delhi



FORM - 68-A

Full name and address of the Tenderer in addition to post Box No., if any, should be quoted in all communications to this office

From:

TENDER NO. _____

Dear Sir,

1. I/We hereby offer to supply the stores detailed in the schedule hereto or such portion thereof as you may specify in the acceptance of Tender at the price given in the said schedule and agree to hold this offer open till _____, I/We shall be bound by a communication of acceptance within the prescribed time.
2. I/We have understood all the instructions to Tenderers in the Tender Enquiry and have thoroughly examined the specification drawing and/or pattern quoted in the schedule hereto and am/are fully aware of the nature of the stores required and my/our offer is to supply stores strictly in accordance with the requirements.
3. I/We have understood all the tender conditions in the tender enquiry and will comply with them.
4. All the **Appendices from 1 to 10 in Technical bid envelope & Appendix No. 8 in Price bid envelope** have been submitted duly filled in & signed.
5. The following pages from page No.1 to Page No. _____ have been added to and will form the part of this tender.

Yours faithfully
(SIGNATURE OF TENDERER)
ADDRESS _____
DATED _____

SIGNATURE OF WITNESS

ADDRESS _____
DATED _____



DETAILS OF MANUFACTURER/FIRM

1.

- (a) Name :
- (b) Office :
- (i) Address :
- (ii) Telephone :
- Land line :
- Mobile :
- (iii) Fax :
- (iv) e-mail :
- (c) Works :
- (i) Address :
- (ii) Telephone :
- (iii) Fax :
- (d) Contact person:
- (i) Name :
- (ii) Designation :
- (iii) Telephone :
- Land line :
- Mobile :
- (iv) Fax :
- (v) e-mail :
- (e) supporting authorization documents
(kindly attach)

2. Details and Address of Subsidiary Office(s)

3. In case of foreign firm, contact person in
Delhi/ India.

- (a) Name :
- (b) Address :
- (c) Name of company :
- (d) Telephone :
- Land Line :
- Mobile :
- (e) e-mail :
- (f) Fax :
- (g) Certificate of :
Authorized distributor/dealer
(Kindly attach)

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



5. Gross weight of consignment. (Net weight of each item)
6. PAN
Confirm whether you have attached photocopy of PAN Card duly attested.
7. Status
Indicate whether you are LSU or SSI.
Are you registered with DGS&D for the item quoted? If so, indicate whether there is any monetary limit on registration.
If you are a Small Scale Unit registered with NSIC under Single Point Registration Scheme, whether there is any monetary limit.
In case you are registered with NSIC under Single Point Registration Scheme for the item quoted, confirm whether you have attached an attested photocopy of the registration certificate indicating the items for which you are registered.
8. Banker:-
(a) Name :
(b) Address :
(c) Telephone :
(d) e-mail :
(e) Fax :
9. Business name and Constitution of the firm. Is the firm registered under:-
(i) The Indian Companies Act, 1956
(ii) The Indian Partnership Act, 1932.
(Please also give name of partners)
(iii) Any Act; if not, who are the owners. (Please give full names and address.)
10. Whether the tendering firm is Manufacturer of the store specified in the tender.
11. (a) If stores offered are manufactured in India, please state whether all the raw materials, components etc. used in their manufacturing are also produced in India. If not give details of materials components etc., that are **Imported** and their breakup of the Indigenous and Imported components together with their value and proportion it



bears to the total value of the store should also be given.

(b) Authorized Dealers/Distributors to specify the details of indigenous and imported material with their value.

12. State whether raw materials held in stock sufficient for the manufacture of the stores.

13. Please indicate the stocks in hand at present time.:

i) Held by you against this Enquiry.

(ii) Held by M/s. _____ over which you have secured an option.

14. Do you agree to Sole Arbitration by Secretary Ministry of Home Affairs or by some other person appointed by him as provided in Clause 24 of the General Conditions of Contract form DGS&D-68 (Revised) (Your acceptance of non-acceptance of this clause will not influence the decision of the tender. **It should, however, be noted that an omission to answer the above question will be deemed as an acceptance of the Clause).**

15. For Partnership firms state whether they are registered or not registered under Indian Partnership Act, 1932. Should the answer to this question by a Partnership firm be in the affirmative, please state further:-

(a) Whether by the partnership agreement, authority to refer disputes concerning the business of the partnership to arbitration has been conferred on the partner who has signed the tender.

(b) If the answer to (a) is in the negative, whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed the tender to refer dispute concerning business of the partnership to arbitration.

(c) If the answer to either (a) or (b) is in the affirmative, furnish a copy of either the partnership agreement or the general power of attorney as the case may be.

N.B.:

(1) Attach to the tender a copy of either document on which reliance is placed for authority of partners or the partner signing the tender to refer disputes to arbitration. The copy should be attested by a Notary Public or its



execution should be admitted by Affidavit on a properly stamped paper by all the partners.

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

16. Here state specifically:

- (i) Whether the price tendered by you is to the best of your knowledge and belief, not more than the price usually charged by you for stores of same nature/class or description to any private purchaser either foreign or as well as Govt. purchaser. If not state the reasons thereof if any. Also indicate the margin of difference.
- (ii) In respect of indigenous items for which there is a controlled price fixed by law, the price quoted shall not be higher than the controlled price, and if the price quoted exceeds the controlled price the reasons thereof should be stated.

18. Are you.

- (i) Holding valid Industrial Licence(s)/Registration Certificate under the Industrial Development and Regulation Act, 1981. If so, please give particulars of Industrial Income Registration Certificate.
- (ii) Exempted from the licencing Provision of the Act for the manufacture of item quoted against this tender. If so, please quote relevant orders and explain your position.
- (iii) Whether you possess the requisite licence for manufacture of the stores and/or for the procurement of raw materials belonging to any controlled category required for the manufacture of the store? In the absence of any reply it would be assumed that no licence is required for the purpose of raw materials and/or that you possess the required licence.



18. State whether business dealings with you have been **banned** by Min./Deptt. of Supply/Min. of Home Affairs?
19. *Have your Firm ever been **black listed or debarred** by any Govt. or Semi Govt. or Autonomous bodies.*
20. Confirm that you have read all the instructions carefully and have complied with them accordingly.
21. Full address of Sale Tax office.
22. Details of last income Tax return (Enclose copy)
23. Name and details of Authorized Person detailed For dealing this case with NDRF for this Tender (Photo Copy of I-Card to be attached)
24. Change of name of the Firm, if any, since origin, with date and reasons thereof:
25. Details of FIR / Complaint lodged against your firm with police, if any:
26. Full address of Income Tax office.

Signature of Witness:	Signature of Tenderer:
Full name (Block letters)	(1) Full name (Block letters).
Address:-	(2) Address
	(2) Whether signing as Proprietor/ Partner/ Constituted Attorney/ duly authorized by the Company.

Note:- Tenderers should furnish specific answers to all the questions. Tenderers may please note that if the answers so furnished are not clear and/or are evasive, the tender will be liable to be ignored



2. a) Whether registered with DGS&D for subject stores ☐ Yes ☐ No.

c) Validity Date

--	--	--	--	--	--	--

 Permanently

b)	If yes, monetary limit (Enclose attested photocopy of Regn. Certificate)	Rs.				
			(Lakh)	(Without limit)		

c) Validity Date

--	--	--	--	--	--	--	--

 Permanently

5. Whether past supplier of subject store to DGS&D Or Min. of Home Affairs during the last 3 years. (If yes, submit performance report in enclosed Performa)

Yes	No
-----	----

6. Terms of delivery: (i) FOR Destination for Indigenous Manufacturer (Free delivery to consignee basis)
(ii) CIF, IGI Airport, New Delhi for Foreign Manufacturer.

7.	a)	Delivery period in months from the date of placement of order/ Approval of Advance Sample.	Months <input type="text"/>
----	----	--------------------------------------------------------------------------------------------	--------------------------------

b) Monthly rate of supply.

8. Acceptance to conditions of contract as
Contained in DGS&D-68 (Revised) amended
up to date and those contained in
Pamphlet No. DGS&D-229 read with
Annexure attached. 35

Yes

No



9. Have you enclosed required Earnest Money:

Yes

No

10. Do you accept tolerance clause :

Yes

No

11. Is your firm eligible to received Govt Contract for the tendered stores under the provision of law of the land.

Yes

No

12. Have your firm ever failed to complete ordered supply and tendered short closed.

Yes

No

12. Whether your firm is compliant On environmental safe guards.

Yes

No

13. Has ever been any FIR complaint lodged against your firm with Police.

Yes

No

14. Kindly give details if any.

Signature of Tenderer : _____

Name in Block letters : _____

Capacity in which : _____

Tender is signed: _____

Full Address : _____



PERFORMANCE STATEMENT FOR LAST THREE YEARS

1. Name of Firm _____
 2. Details of orders executed/completed in last 03 years:-
- NB:- Proforma given below be properly filled with correct details, else all supporting documents are liable to be treated as invalid and Bids may become liable for rejection.

S.N	Order placed by whom with Order No & date	Store	Qty	Value	Original delivery period	Extended Delivery period	Quality Supplied		Remarks (To include Reasons for Delay/Cancellation/ Complaints etc.
							In original D/P	In extended D/P	
1									
2									
3									
4									
5									

3. Year of Origin of Firm :
4. Yearly Turn over :
5. Yearly manufacturing capacity in Quantitative terms :
6. Present contracts in hand with quantity and delivery period details :
7. Supporting documents, like copies of supply order, Inspection /JRI/ note, etc for executed orders.



FORM -7

PROFORMA FOR EQUIPMENT AND QUALITY CONTROL

(THIS PROFORMA IS REQUIRED TO BE SUBMITTED IN DUPLICATE)

Tender No. & Date _____ for the supply of _____.

1. Details of firm

(a) Name :

(i) Office :

(ii) Address :

(iii) Telephone :

(iv) Fax :

(v) e-mail :

(vi) Mobile No. :

(b) Works :

(i) Address :

(ii) Telephone :

(iii) Fax :

(iv) e-mail :

(v) Mobile No. :

2. Location of manufacturing works/factory. Factories owned by you (Documentary). In case you do not own the factory but utilize the factory of some other firm for the manufacture/ fabrication of the stores for which you apply for registration on lease or other base you should furnish a valid legal agreement of the factory of _____

_____ (here indicate the name of the firm whose factory is being utilized) has been put at your disposal for the manufacture /fabrication of the stores for which registration has been applied for.

3. Details of plant and machinery erected and functioning in each department (Monograms and descriptive Pamphlets should be supplied, if available).

4. Whether the process of manufacture in factory is carried out with the aid of power or without it.

5. Details and stocks of raw material held (state whether imported or indigenous) against each item.

6. Production capacity of each item with the existing plant & machinery:



- (a) Normal _____
(b) Maximum _____

7. Details of arrangements for quality control of products such as laboratory etc.

8. (a) Details of Technical/ Supervisory Staff in-charge of production & Quality control.
- (b) Skilled labour employed.
- (c) Unskilled labour Employed.
- (d) Maximum No. of workers (Skilled & Unskilled) employed on any day during the 18 months preceding the date of application.

PLACE : _____

DATE : _____

SIGNATURE OF THE TENDERER

Designation _____

Company/ Firm _____

N.B.: (1) Details under column 5 to 10 inclusive need to be restricted to the extent they pertain to the item(s) under reference.



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

[illegible]

BANK GUARANTEE FORMAT FOR FURNISHING EMD

To

PAO, NDMA
A-1, Safdarjung Enclave
New Delhi

Whereas..... (hereinafter
called the "tenderer") has submitted their offer
dated..... for the supply
of..... (hereinafter called the
"tender") against the purchaser's tender enquiry
No..... KNOW ALL MEN by these presents that
WE..... of.....
..... having our registered office at are
bound unto..... (hereinafter called the "Purchaser") in the sum of
.....
for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its
successors and assigns by these presents. Sealed with the Common Seal of the said Bank
this..... day of..... 2017/18.

THE CONDITIONS OF THIS OBLIGATION ARE:

- (1) If the tenderer withdraws or amends, impairs or derogates from the tender in any respect within the period of validity of this tender.
- (2) If the tenderer having been notified of the acceptance of his tender by the Purchaser during the period of its validity:-
 - a) If the tenderer fails to furnish the Performance Security for the due performance of the contract.
 - b) Fails or refuses to accept/ execute the contract.

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it owing to the occurrence of one or both the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force upto and including 45 days after the period of tender validity and any demand in respect thereof should reach the Bank not later than the above date.

(Signature of the authorized officer of the Bank)

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch



APPENDIX-6(B)

BANK GUARANTEE FORMAT FOR PERFORMANCE SECURITY

To

The PAO, NDMA
A-1, Safdarjung Enclave
New Delhi

WHEREAS..... (name & address of the supplier) (hereinafter called "the supplier") has undertaken, in pursuance of contract No.....dated..... to supply (description of goods & services) (herein after called "the contract").

AND WHEREAS it has been stipulated by you in the said contract that the supplier shall furnish you with a bank guarantee by a schedule commercial recognized by you for the sum specified therein as security for compliance with its obligations in accordance with the contract.

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

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

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

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

This guarantee shall be valid until the.....day of20.....

(Signature of the authorized officer of the Bank)

.....
Name & designation of the officer
.....

Seal, name & address of the Bank & address of the Branch
& Telephone No. _____



GUARANTEE/WARRANTY

- i) Except as otherwise provided in the invitation to the tender the contractor hereby declares that **the Inflatable Crafts and accessories** supplied to the purchaser under this contract shall be of the best quality and workmanship and new in all respects and shall be strictly in accordance with the specifications and particulars contained/mentioned in the contract.
- ii) The contractor hereby guarantees that the said Equipment/articles would continue to conform to the description and quality aforesaid for a period of **24 Months or the manufacturer's/ dealers standard Guarantee/Warranty whichever is more** from the date of delivery of the said Goods/store/Equipment/articles to the purchaser and notwithstanding the fact that the purchaser (Inspector) may have inspected and/ or approved the said Goods/stores/Equipment/ articles, if during the aforesaid Guarantee/warranty period of **24 Months**, the said Goods/stores/equipment/articles be discovered not to confirm to the description and quite aforesaid or not giving satisfactory performance or have deteriorated, the decision of the purchaser in that behalf shall be final and binding on the contractor and the purchaser shall be entitled to call upon the contractor to rectify the Goods/Stores/equipment/articles or such portion thereof as is found to be defective by the purchaser within a reasonable period or such specified period as may be allowed by the purchaser in his discretion on/an application made thereof by the contractor and in such an event, the above mentioned warranty period shall apply to the Goods/stores/equipment/ articles rectified from the date of rectification thereof. In case failure of the contractor to rectify or replace the goods etc. within specified Time, the purchaser shall be entitled to recover the cost with all expenses from the contractor for such defective stores.
- iii) In addition the equipment should have manufacturers/builders warranty for 5 years for the fabric used and 24 months for the adhesion at joints, under normal exploitation.
- iv) The firm will Guarantee/Warranty that they will supply spare parts, if and when required on agreed basis for an agreed price. The agreed basis could be and including but without any limitation on agreed discount on the published catalogue or on agreed percentage of profit on the landed cost.
- v) **24 Months** Guarantee/Warranty periods will commence from the date of acceptance of stores in full and final quantity in satisfactory condition, after due inspection and/or successful installation and commission as applicable.
- vi) Guarantee/Warranty to the effect that before going out of production for the spare parts they will give adequate advance notice to the purchaser of the equipment, so that the latter may undertake the balance of the lifetime requirement.
- vii) Guarantee/Warrant to the effect that they will make available the blue prints of drawing of the spares if and when required in connection with the main equipment.
- viii) Tenderer will supply the spare parts of the equipment for 05 years from the date of purchase of the equipment. The following certificate should be given in the request.

“ It is certified that our concern/establishment will supply parts of the Equipment for 10 years from the date of purchase of the Equipment”.
- ix) Guarantee/Warrantee will be comprehensive i.e. inclusive of replacement of all spare parts and will be implemented as under:-
 - a. Respective consignee will intimate the firm by SMS/contact number/Email/Fax about the defective store/equipment. The firm will repair/replace the defective store equipment and deposit the same in any case not later than one month excluding the date of intimation of such defect to the firm.
 - b. If the same serial number of the equipment received more than four (04) times for repair during the warranty period, the same will be replaced with new one at no additional cost to NDRF.
 - c. Penalty for non-commercial period of the equipment will be @ 0.5% per week or part thereof after expiry of repair/replacement period of one month for each occasion of defect limited to total one month non-commercial period only in a year. After one month non-commercial period of the equipment, penalty will be @ 0.5% per week or part thereof without providing repair/replacement period.

(Signature of the Owner/
Auth. Rep. of the firm
Date:



PROFORMA FOR PRICE BID
(TO BE FILLED BY THE BIDDERS & SEALED SEPARATELY)

NB :- (i) Tender Inviting Authority : DG NDRF

(ii) Name of work : Procurement of **Inflatable Motor Rescue Boat (10 Seated) with all accessories**

(iii) Contract No. : 1-17018/1212/Proc./DG-NDRF/2017

(iv) **Tenders are requested to read the instructions given at the bottom of Price Bid Proforma carefully before filing the same.**

(v) Currency to be mentioned in columns D to L.

S/No	Item Description	Item Code/ Make	Quantity	Units	Basic Rate for one unit in figures to be entered by the Bidder (in INR)	Excise Duty for one unit (in INR)	Sales Tax/ VAT, if any for one unit (in INR)	Any other Charges for one unit (in INR)	Total Amount without taxes (column 4 x 6)	Total Amount with taxes [column 4 x (6+7+8+9)]
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1	Inflatable Motor Rescue Boat (10 Seated) with all accessories	Item1	624	Nos.						
Total in figures										
Total Rate in Words										

Note:- Tenderers are requested to read the instructions given below the Price Bid Proforma carefully before filling the same:-

- The complete commercial quote should be in one currency only i.e INR.
- Tenderers are required to indicate Basic Rate, Custom duty, Excise duty, Sales Tax/ VAT and any other leviable taxes/ Charges separately in the relevant columns of the proforma. Any taxes/ duties / charges reflected outside the Proforma will not be accepted.
- Entry tax / Octroi /Toll tax and other Statutory Taxes will be applicable at actuals, if admissible.
- Tenderer will attach justification of price quoted. This also includes the recently executed contracts of the store in question with Govt./ Semi Govt. organization etc.
- Firm will provide consumable & spares free of cost during demonstration and training.
- No column should be left blank. Wherever amount is not quoted, the column should be clearly marked as Nil. ("Nil")



MODEL ECS MANDATE FORMAT

Customer's option to receive payments through e-Payment (ECS/EFT/DIRECT CREDIT/RTGS/NEFT/Other payment mechanism as approved by RBI)

Credit Clearing Mechanism

1. Customer's name
2. Particulars of Bank Account –
 - a) Bank Name
 - b) Branch Name
 - c) Address
 - d) Telephone numbers
 - e) IFS code
 - f) 9 Digit code number of Bank and Branch appearing on MICR cheque issued by bank.
 - g) Account Type (S.B Account/ Current Account or Cash)
 - h) ledger Folio number
 - j) Account number as appearing on Cheque Book
3. Please attach a blank cancelled cheque, or, photocopy of a cheque or front page of your saving bank passbook issued by your bank for verification of the above particulars.
4. Date of Effect
"I, hereby, declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I have read the option invitation letter and agree to discharge the responsibility expected of me as a participant under scheme."

Date -

(-----)
Signature of Customer

Certified that the particulars furnished above are correct as per our records.

Bank's Stamp: (-----)

Date :

Signature of the Authorized official from the Bank.



APPENDIX-10

CHECK LIST FOR TENDERERS

Before submission of Tender documents in PDF files, Tenderers should check that they have complied with the following requirements:-

01.	Cost of Tender has been enclosed with Tender document, if downloaded from website. If not, then supporting documents proving exemption to this enclosed
02	Earnest Money Deposit (EMD) has been enclosed. If not, then supporting documents proving exemption to this enclosed.
03	If registered with NSIC or DGS&D, copies of valid registration certificate enclosed.
04	If an SSI, it has been mentioned in tender & copy of valid registration certificate enclosed.
05	Monthly manufacturing & supplying capacity has been mentioned in the tender documents
06	Complete tender documents have been enclosed, after signature & stamping on all pages
07	Signatures of witnesses with full name and address have to be added wherever required on tender documents
08	Proposal has been submitted in two bid system i.e. i) Technical bid online as well as offline. ii) Financial bid (Price Bid) only online as per Performa enclosed.
09	Offer validity as required in tender has been accepted & clearly mentioned in Tender documents
10	Delivery Terms & Period as per Tender has been accepted and mentioned in Tender
11	Payment Terms as per Tender have been accepted and mentioned in Tender
12	Compliance statement in format required in tender has been enclosed along with supporting technical documents/proof for each point/parameter showing clearly whether it has been complied with or not.
13	Performance statement for 3 years as required in Tender along with copy of supply orders, in the laid down format, has been enclosed. If not, reasons be specifically given in writing.
14	Warranty terms as per Tender has been accepted
15	Status of Tender has been clearly written in Tender i.e. manufacturer or authorized agent. If authorized agent, valid authority letter for the stores quoted from the manufacture has been enclosed. If agent of foreign principal, copy of valid DGS & D registration certificate as Indian Agent of Foreign Principal has been enclosed. If not, reasons in writing are given.
16	The following Performa's enclosed with tender have been properly & completely filled in, signed & stamped (i) Form 68(A)- Offer of stores (ii) Questionnaire (iii) Form 7, Proforma for equipment & quality control. (iv) Details of manufacturer (v) Undertaking to be given by foreign principal of Indian Agent.
17	The Tenderer has clearly been mentioned in writing that business dealings with their Firms has not been banned by any Govt./Private agency.
18	If agent of foreign principal, copy of necessary permission / clearance /license / authorization from the Central Govt. of India, to deal in or offer for sale the tendered stores, in case the tendered item comes within the purview of arms, tendered ammunition, explosives or explosive substances enclosed.
19	Copy of 100% illustrated list of all the spare parts with technical bid and with price (separately) with the price bid in pdf form enclosed.
20	Confirmation by foreign bidder(s) that, there are no Govt. restrictions or limitation in the country of the supplier or countries from which sub-components are being procured and / or for the export of any part of the system being supplied. Suppliers /Contractors shall obtain a certificate to this effect or authority concerned of their country and attached with technical bid.
21	Any specific condition if needed, it must be mentioned on the covering/forwarding letter only which will be placed on the first page of the technical bid. Such conditions if mentioned in any other document shall not be given any consideration.
22	Copies of Govt. Notification in support of all applicable Taxes/Duties quoted in the offer have been attached.

