

RFP No: BM(H)/CMM/RFP/26-27/2207, Date: 07th May 2026

PART-I: GENERAL INFORMATION AND INSTRUCTIONS FOR THE BIDDERS

5. The salient aspects and timelines of the acquisition are tabulated below. In case of any variation in the details furnished below or in any Annexures(s) with that mentioned in the RFP, information furnished in the main body of the RFP at referred Paragraph is to be followed.

(a) The address and contact numbers for sending Bids is given below:

Bids to be addressed to:	S Srinivasa Rao General Manager (CMM)
Postal address for sending the Bids	BrahMos Aerospace BrahMos Complex Near DRDL Complex Rear Gate Kanchanbagh PO Hyderabad – 500058 Kind Attn.: K. Indira Manager (CMM)
Contact Nos. & E-mail	Tel.No: 040-24087111 Email: purchasehyd@brahmos.com k.indira@brahmos.com

(b) **LAST DATE AND TIME FOR DEPOSITING THE BIDS:** The sealed Bids under **Two-Bid system (separate Techno-Commercial Bid & Price Bid)** should reach at the above given address through post/in person should be dropped in tender box. Tender box is placed in front of Reception area at BrahMos Security gate, latest by **dt: 27th May 2026**. The responsibility to ensure this lies with the Bidder. **Early submission of the Bids is acceptable to the Buyer. E-mail quotes shall not be entertained and rejected.**

(c) **FORWARDING OF BIDS:** Bids shall be forwarded by the Bidder under their original memo/letter pad inter alia furnishing details like GST number, Bank address with EFT Account, if applicable, etc., and complete postal & e-mail address of their office. Two Separate Sealed Envelopes and then be put in a single outer envelope(sealed) with the '**Bidder Details, RFP No., Last Submission Date**' pasted on top.

(d) **PRE-BID CLARIFICATION:**

(i) Prior to preparation of the Techno-Commercial Bid, clarifications, if any, regarding the technical terms & conditions be obtained from the **Mr. Dilip S, DGM (Utility, Safety & Security), Contact No. 040-2408 7090/98447 48333, email: dilipshanthappa@brahmos.com** within **06** working days from the date of RFP

(ii) Prior to preparation of the bid, clarifications regarding the commercial terms be obtained from GM (CMM), Hyderabad, **purchasehyd@brahmos.com , k.indira@brahmos.com** represented by **Ms.K. Indira, Manager (CMM), Hyderabad, Ph: 040-2408 7111** within **06** working days from the date of RFP.



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- (iii) Un-willingness of the Bidder to participate in Bid may be communicated to **Ms.K. Indira, Manager (CMM), Hyderabad, Ph: 040-2408 7111 within 06** working days from the date of RFP.
- (e) **CLARIFICATION REGARDING CONTENTS OF THE BIDS:** During evaluation and comparison of Bids, the Buyer may, at its discretion, ask the Bidder for clarification of his Bids. The request for clarification will be given in writing and no change in prices or substance of the Bids will be sought, offered, or permitted. No post-Bid clarification on the initiative of the Bidder will be entertained.
- (f) **CONDITIONS UNDER WHICH THIS RFP IS ISSUED:** This RFP is being issued with no financial commitment. The Buyer reserves the right to withdraw the RFP and change or vary any part thereof or foreclose the procurement case at any stage. The Buyer also reserves the right to disqualify the Bidder, should it be so necessary at any stage.
- (g) **VALIDITY OF BIDS:** The Bids should remain valid till **90** Days from the last date of submission of the Bids.

PART-II: SCOPE OF WORK

6. This section will include the following:

6.1 **General Scope of Work:** Scope of work includes provisioning of Non-Comprehensive Annual Maintenance Contract (NC-AMC) for Fire Hydrants System at BAPL, Hyderabad. The work shall be carried out in accordance with standard engineering practices/ codes, specifications/ drawings, and instructions of the Engineer-in-charge/ authorized representatives of BAPL, Hyderabad. Detailed scope of work/Technical Requirements / Specifications is enclosed as **Annexure – A**.

6.2 **Validity of Contract:** This contract shall be valid for period of **Two years (24 Months)**. The period is tentative and is liable for increase/ decrease by BAPL as per requirement and performance of the Contractor. The contract may be extended for a further period of one year on the same terms & conditions subject to satisfactory performance of contractor and on mutual agreement basis.

6.3 **Site Visit:** Before quoting, the service provider may visit the site for getting firsthand information on the site conditions, the locations, and other aspects. The bidders are advised to visit and examine the site of works and their surrounding and obtain for himself and on his own responsibility all information that may be necessary for preparation of the bid and entering contract. The costs of visiting the site shall be at bidders own expensive. No extra claim on account of non-familiarity of site conditions shall be entertained during execution of work.



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PART-III: EVALUATION CRITERIA OF BIDS

7. The Bidder is required to submit detailed Techno-Commercial Bid containing all Terms & Conditions as enumerated at **Part II, Part III, Part IV, Part V, Part VI and Part VII** of this RFP and give confirmation of their acceptance of all Terms & Conditions which will automatically be considered as part of the Contract concluded with the successful Bidder (i.e., Seller in the Contract) as selected by the Buyer. The deviations, if any, may be clearly indicated in the Bid along with the Compliance Statement in the format enclosed at **Part-VII**. Failure to do so may result in rejection of Bid submitted by the Bidder.

Only those Bids will be evaluated, which are found to be fulfilling all the eligibility and qualifying requirements of the RFP, both technically and commercially. The bidder, whose price is arrived as lowest as per Evaluation criteria, will be declared as L-1 bidder by Buyer.

8. **EVALUATION OF TECHNO-COMMERCIAL BID:** The Techno-Commercial Bid forwarded by the Bidders will be evaluated by a Techno-Commercial Evaluation Committee (TCEC) to confirm that the items being offered meet the requirement. The TCEC will examine the extent of variations/differences, if any, in the technical characteristics of the items offered by Bidder.

9. **EVALUATION OF PRICE BID:**

- (a) The Price Bids of only those Bidders will be evaluated, whose technical bids have been cleared by the TCEC. committee. The unopened Price Bids will be evaluated based on complete scope and not individual line-item wise basis.
- (b) If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected.
- (c) If there is a discrepancy between words and figures, the amount mentioned in words shall prevail.
- (d) Discounted Cash Flow technique may be used, if required, to arrive at L1 bidder.

10. **PROCEDURE FOR COST COMPARISON:** The basis for comparison of cost in different situations would be as follows:

- (a) The financial bids of the qualified bidders will be compared based on price quoted in the price bid format of the RFP/Bid document.
- (b) If the competition is only among Indian bidders, the financial comparison should be considered based on FOR destination prices excluding statutory levies, taxes, and duties payable on final product.



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PART-IV: SPECIAL TERMS & CONDITIONS OF RFP

The Bidder is required to give confirmation of their acceptance of Special Terms and Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder as selected by the Buyer. Failure to do so may result in rejection of Bid submitted by the Bidder.

11. NON-COMPREHENSIVE ANNUAL MAINTENANCE COST (NC-AMC): The bidder must be a registered firm/company.

- a) Criteria:** The bidder must be an individual (Sole Proprietorship, Partnership / Company Firm, LLP), engaged in providing of maintenance services for Fire Hydrant Systems. The bidder must have all requisite licenses/certification from authorities and should have qualified and competent manpower in provision of maintenance services.
- b) Purchase Scope:** Major replacement parts will be provided by the buyer or paid for on actuals if supplied by the vendor after approval. All inventories handing over report shall be enclosed with the final bill on completion of duration of the contract duly stating the remarks on status/condition of equipment/plant. The final bill of the contract shall not be entertained/paid in case of non-compliance of the same.
- c)** Any damage/loss caused due to mis-handling or misuse of any equipment shall be got repaired/replaced by the contractor at his own cost. All liabilities arising out of accident or death while on duty shall be borne by the contractor.
- d)** In case of any equipment or property of the BAPL is damaged by the service provider or his employees /agents, the same shall be rectified "free of any charge by the service provider within the period specified by the Engineer-in-charge. If the repair is not carried out within the specified period, the service provider shall pay Immediately the amount specified by the BAPL for the damage otherwise the amount will be recovered from the payments due to the service provider.
- e) Penalty:** Failure to attend a breakdown call within 24 hours from the intimated time may lead to a penalty of Rs.500/- per day. If the system is not restored within a reasonable time, the work may be done by other agencies at the risk and cost of the contractor. BAPL, Hyderabad may also issue notices for unsatisfactory / poor services, as and when required. However, the bidder/contractor will have no option to withdraw from the contract on his own during the Initial contract period. The assets shall be handed over at the end of the notice period to the BAPL engineer-in-charge.
- f) Personnel:** The persons employed shall possess requisite professional qualifications, experience, and competency in the specified field / area of work. The minimum qualification and experience shall be as given in scope of work. The contractor shall employ Indian nationals above age of 18 years and below age of 58 years. Contractor to ensure that the employees deployed are physically and mentally fit and do not have any criminal record.



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- g) Safety Compliance:** All staff must wear and follow safety protocols, especially when working on overhead electrical components or in operational areas. The Safety and security of all the assets / equipment thus handed over will be the responsibility of the maintaining agency throughout the contract period. The inventory of the same will be made out and kept in record duly signed by the maintaining agency and the authorized representative of Plant Head, BAPL, Hyderabad. Any damage/loss caused due to mis-handling or misuse of any equipment shall be got repaired/replaced by the contractor at his own cost. On completion of contract period the complete equipment as per record shall be handed over to the Mis BrahMos Aerospace, Hyderabad in fully working condition.
- h) Material Quality:** All replacement parts must be of original equipment manufacturer (OEM) or approved equal quality.
- i) Reporting:** A maintenance log book must be maintained and a report should be submitted after each visit.
- 12. EFFECTIVE DATE OF THE CONTRACT:** The Date of this PO will be the Effective Date of Contract. The performance of the Supply Order shall commence from the Effective Date
- 13. PAYMENT TERMS:** 100% (including GST as applicable) shall be paid on against delivery, inspection, and acceptance of stores and against submission of Acceptance Certificate by user.
- a)** Payment will be made on Quarter ending basis on completion of monthly maintenance services duly certified by the indenting dept and on submission of bill in original
 - b)** Advance Payment: Not Applicable.
- 14. TAXES AND DUTIES:** Only GST will be paid extra by the Buyer. The Bidders are required to indicate the unit & total costs of the items/services with and without GST, GST % with HSN/SAC separately as per the format enclosed. GST claimed by the Supplier shall be released by the Buyer only after it appears in the Buyer's GST Input Credit Register of GSTIN Online Portal.
- 15. DOCUMENTS TO BE FURNISHED FOR CLAIMING PAYMENT:** The payment of bills will be made on submission of the following documents by the Seller to the Buyer:
- (a)** Ink-signed copy of Invoice.
 - (b)** Warranty Certificate if applicable
 - (c)** Job Completion Certificate
 - (d)** Details for electronic payment viz. Bank name, Branch name and address, Account Number, IFS Code, MICR Number (if these details are not already incorporated in the Contract).
 - (e)** Copy of the Contract and amendments thereon, if any.
 - (f)** Any other document/ certificate that may be provided for in the Contract.



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- 16. BANK GUARANTEE FOR PERFORMANCE:** A BG form an Indian nationalized bank OR (Axis /HDFC/ICICI/Kotak Bank) for 5% of the PO Value valid up to the entire deliver period plus claim period plus 03 (three) months is to be submitted along with the invoice for claiming advance.
- 17. OPTION CLAUSE:** The Contract will have an Option Clause, wherein the Buyer can order for additional quantity up to 100%, of the original contracted quantity in accordance with the same terms and conditions of the contract. This will be applicable within the currency of the contract or as decided during commercial negotiations. It will be entirely the discretion of the buyer to exercise this option or not.
- 18. REPEAT ORDER CLAUSE:** Not Applicable
- 19. PURCHASE PREFERENCE CLAUSE:** Purchase preference will be granted as per Public Procurement (Preference to Make in India), Order – 2017 as amended, issued by DPIIT/Ministry of Commerce and Industry.
- 20. PERMISSIBLE TIME FRAME FOR SUBMISSION OF INVOICE:** To claim payment (part or full), the Supplier shall submit the bill(s) along with the relevant documents within 90 days from the completion of the activity/ supply.
- 21. INVOICE PREPARATION:** All original documents for payments including invoices are to be raised on and submitted to the Buyer's location at **Hyderabad**. GSTIN No. for the unit is **36AABCR8269E1Z6** and the same shall be mentioned in all invoices as applicable.
- 22. LIQUIDATED DAMAGES:** The Buyer may deduct from the Seller, as agreed, liquidated damages at the rate of 0.5% per week/part thereof, of value basic cost (excluding taxes and duties on final product) of the delayed stores/services subject to maximum of 10% of the total order value (excluding taxes and duties on final product).
- 23. PACKING AND MARKING INSTRUCTIONS:** Seller shall provide packing and preservation of the equipment and goods/items contracted to ensure their safety against damage during transportation and storage. Each package shall be marked with applicable warning inscriptions.
- 24. QUALITY & INSPECTION CLAUSE:**
 - a) **YEAR OF PRODUCTION:** The Spare parts /items should be of the latest manufacture and conform to the current production standards.
 - b) **QUALITY:** The quality of the items /Services shall correspond to the technical conditions and standards enumerated in the RFP.
 - c) **INSPECTION AND ACCEPTANCE:** The status /progress of services will be monitored by buyer's team of BAPL, Hyderabad. In case of any short comings, defect, non-conformance with the technical specifications or deficiencies in the items supplied / maintenance of services, a defect report shall be raised on the spot and handed over to the supplier for making good the deficiencies or replace the defective item(s)/ corrective-ness of services within a mutually agreed period without prejudice to the warranty period.



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- 25. NOTICES/ CORRESPONDENCES:** Any notice/correspondence required or permitted by the Contract shall be written in English language and may be delivered personally or may be sent by FAX/email or registered pre-paid mail/ airmail, addressed to the last known address of the party to whom it is sent.
- 26. CURRENT MANUFACTURE:** The equipment supplied will be of latest manufacture and will conform to current production standards including the specified material and its equivalent.
- 27. WARRANTY:**
- (i) The Seller warrants that the goods & services including workmanship delivered under the contract conform to technical specifications prescribed and will perform according to the said technical specifications.
 - (ii) The Seller warrants for a period of minimum 12 month from the date of acceptance of stores by Joint Receipt Inspection or date of installation and commissioning, whichever is later, that the goods/stores/workmanship supplied under the contract and each component used in the manufacture thereof will be free from all types of defects/failures.
 - (iii) If within the period of warranty, the goods/stores/workmanship are reported by the Buyer to have failed to perform as per the specifications, the Seller will either replace, rectify, or redo the same free of charge on site where the items are being used, within a maximum period of 15 days of notification of such defect received by the Seller, provided that the goods/stores/workmanship are used and maintained by the Buyer as per instructions. Warranty of the equipment would be extended by such duration of downtime. Record of the down time would be maintained by the user in the logbook. Spares/ work required for warranty repairs will be provided free of cost by the Seller.
 - (iii) The Seller also warrants that necessary service and repair back up during the warranty period of the equipment will be provided by the Seller and he will ensure that the downtime is within 10 % of the warranty period.
 - (iv) The Seller shall associate technical personnel of the Maintenance agency and Quality Assurance Agency of the Buyer during warranty repair and will also provide the details of complete defects, reasons, and remedial actions for defects.
 - (v) If a particular equipment/goods fails frequently and/or, the cumulative down time exceeds 10% of the warranty period, the complete equipment will be replaced free of cost by the Seller within a stipulated period of 30 days of receipt of the notification from the Buyer. Warranty of the replaced equipment would start from the date of acceptance after Joint Receipt Inspection by the Buyer/date of installation and commissioning.
 - (vi) In case the complete delivery of Engineering Support Package is delayed beyond the period stipulated in this contract, the Seller undertakes that the warranty period for the goods/stores will be extended to that extent.
- 28. TRANSPORTATION & TRANSIT INSURANCE:** In vendor's scope



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- 29. AMENDMENTS:** No provision of the Contract shall be changed or modified in any way (including this provision) either in whole or in part except when both the parties are in written agreement for amending the Contract.
- 30. RISK AND EXPENSE PURCHASE:** In case Seller fails to honor the contractual obligations within the stipulated delivery period and as amended, Buyer may procure the said contracted goods/services through a fresh supply order/contract and the defaulting Seller must bear the excess cost incurred, if any.
- 31. INTELLECTUAL PROPERTY RIGHT (IPR):** Not Applicable.

PART-V: STANDARD TERMS & CONDITIONS OF RFP

The Bidder is required to give confirmation of their acceptance of the Standard Terms and Conditions of the RFP mentioned below which will automatically be considered as part of the Contract concluded with the successful Bidder as selected by the Buyer. Failure to do so may result in rejection of the Bid.

- 32. LAW:** The Contract shall be considered and made in accordance with the laws of the Republic of India and shall be governed by and interpreted in accordance with the laws of the Republic of India.
- 33. DISPUTES:** All disputes or differences arising out of or in connection with the present Contract including the ones connected with the validity of the present contract or any part thereof, shall be settled by bilateral discussions. Both, Buyer, and Seller, will make every effort to resolve the dispute if any, in a mutually acceptable manner.
- 34. ARBITRATION:** In the event of any controversy, disputes or differences arising out of or in the interpretation of any of the terms and conditions of this agreement or on breach by any of the parties shall bring the said reason to the notice of each other, and shall amicably try to settle any such issues within 30 days of such notice. In the event of the parties' failure to reach amicable settlement as mentioned herein, all unresolved controversies, disputes, or arbitration in accordance with Indian arbitration and conciliation Act, 1996 and the venue of arbitration shall be Hyderabad, India.
- 35. PENALTY FOR USE OF UNDUE INFLUENCE:** The Seller undertakes 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 Buyer.
- 36. CONFIDENTIALITY OF INFORMATION:** No party shall disclose any information to any 'Third Party' concerning the matters under this RFP generally. Any information identified as 'Proprietary' in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party. This clause shall apply to the sub-contractors, consultants, advisors, or the employees engaged by a party with equal force.



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- 37. SECURITY:** Any Information of classified nature obtained, acquired during the manufacture, test and trials is not to be passed on to any Third party by you or your subcontractor(s). This clause shall survive on termination or completion of this order.
- 38. WITHHOLDING OF PAYMENT:** In the event of the Seller's failure to submit the Bonds, Guarantees and Documents, supply the stores/goods and conduct trials, installation of equipment, training, etc. as specified in the Contract, the Buyer may, at his discretion, withhold any payment until the completion of the Contract.
- 39. UNDERTAKING FROM THE BIDDERS:** Bidder/firm/company/vendor will submit an undertaking that in the past they have never been banned/debarred for doing business dealings with Ministry of Defence/Govt. of India/any other Govt. organization and that there is no enquiry going on by CBI/ED/any other Govt. agency against them.
- 40. FORCE MAJEURE CLAUSE:** Should any Force Majeure circumstances arise, each of the contracting party shall be excused for the non-fulfilment or for the delayed fulfilment of any of its contractual obligations, if the affected party within 30 (Thirty) days of its occurrence informs in a written form the other party. Force Majeure shall mean fires, floods, natural disasters, or other acts, that are unanticipated or unforeseeable, and not brought about at the instance of, the party claiming to be affected by such event, or which, if anticipated or foreseeable, could not be avoided or provided for, and which has caused the non-performance or delay in performance, such as war, turmoil, strikes, sabotage, explosions, quarantine restriction beyond the control of either party. A party claiming Force Majeure shall exercise reasonable diligence to seek to overcome the Force Majeure event and to mitigate the effects thereof on the performance of its obligations under this contract.
- 41. LIABILITY CLAUSE:**
- (a) Any damage caused to the property or suffered by the personnel of Buyer during the execution of Contract shall remain the liability of the Buyer. Such liability shall be fixed on Seller in case of grossly negligent act or omission on the part of Seller.
 - (b) This provision is limited to the relations between the Parties. It is without prejudice to the rights and actions to which the victims of damage, or any Social Security Organizations could prevail themselves legally.
 - (c) Either party would provide reasonable assistance to resolve the claim of other Party to mitigate loss or damage.
 - (d) Neither, the Seller shall be liable to the Buyer, nor shall the Buyer be liable to the Seller for any immaterial, punitive, indirect, special, incidental, or consequential loss or damage. This will hold good irrespective of whether such liability is based or claimed to be based on any breach of a Party's obligation under the Contract, or any negligent act or omission of a Party, its employees, servants, appointed representatives, sub-contractor or professional consultants, or such liability arises otherwise out of or in connection with the Contract.
 - (e) The Buyer shall not be liable for any compensation in any manner to the Seller for whatsoever reason.
 - (f) The Seller shall be liable to the Buyer for any compensation in any manner for whatsoever reasons for a sum not exceeding value of the Contract.



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- 42. FALL CLAUSE:** The prices charged for the stores supplied under the agreement by the Seller shall in no event exceed the lowest price at which the Seller sells the items of identical description to any other person/organization during the period till performance of all supply orders placed during the currency of the agreement is completed. If, at any time, during the period, the Seller reduces the sale price of such stores or sells stores to any other person/organization at a price lower than the price chargeable under the agreement, he shall forthwith notify such reduction or sale to the authority which has concluded the RC/PA; and the price payable under the agreement for the stores supplied after the date of coming into force of such reduction or sale shall stand correspondingly reduced.
- 43. DENIAL CLAUSE:** Denial clause informs Seller that the Buyer reserves the right to admit additional payment due to upward revision of statutory levies beyond the original delivery schedule in case Seller fails to deliver the goods as per schedule. Variations in the rates of statutory levies within the original delivery schedule will be allowed if taxes are explicitly mentioned in the contract/supply order and delivery has not been made till the revision of the statutory levies. Buyer reserves the right not to reimburse the enhancement of cost due to increase in statutory levies beyond the original delivery period of the supply order/contract even if such extension is granted without imposition of LD.
- 44. TERMINATION OF CONTRACT:** The Buyer shall have the right to terminate the Contract in part or in full in any of the following cases:
- (a) The store/service is not received/rendered as per the contracted schedule(s) and the same has not been extended by the Buyer.
OR
The delivery of the store/service is delayed for causes not attributable to Force Majeure for more than 01 months after the scheduled date of delivery and the delivery period has not been extended by the Buyer.
 - (b) The delivery of store/service is delayed due to causes of Force Majeure by more than 06 months provided Force Majeure clause is included in the contract and the delivery period has not been extended by the Buyer.
 - (c) The Seller is declared bankrupt or becomes insolvent.
 - (d) The Buyer has noticed that the Seller has violated the provisions of Para 47 (Use of Undue Influence) and/or Para 49 (Employment of Agent) above to obtain the Contract.
 - (e) As per decision of the Arbitration Tribunal.
- 45. COMPETENCE OF PERSONNEL:** Bidder to ensure the following:
- (a) Necessary Competence of personnel, who involving in the execution of work
 - (b) Their Contribution to product / service conformity & importance towards ethical behaviour.
 - (c) Competence to detect or prevent the counterfeit parts, monitoring, and reporting of the same during execution of contract.



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46. COUNTERFEIT PARTS:

- (a) Seller shall evolve necessary verification and test methodologies to detect the counterfeit Parts.
- (b) Seller to ensure to prevention of counterfeit parts / products including from their sub-vendors, if any.
- (c) Seller to ensure that only non-counterfeit parts / products shall be delivered to Buyer.
- (d) Further to prevent inadvertent use of counterfeit parts, Seller shall only procure directly from the OEM (Original Equipment Manufacturer) or their authorized distribution chain unless approved by Buyer in writing.
- (e) Seller also to ensure the necessary traceability of parts / components belonging to OEM and the same shall be provided to Buyer to eliminate the delivery of counterfeit parts.
- (f) Seller to obtain the approval of Buyer in writing to source the inputs from Non-Franchised Distributors and to ensure parts that were procured are legitimate, authentic, non-counterfeit parts, if applicable.
- (g) In case of detection of counterfeit parts / products upon inspection, same will not be accepted by Buyer and returned to Seller as they are and will be handled as per the policies of Buyer.

47. TRANSFER AND SUB-LETTING: The Seller has no right to give, bargain, sell, assign, or sublet or otherwise dispose of the Contract or any part thereof, as well as to give or to let a third party take benefit or advantage of the Contract or any part thereof without written consent of the Buyer.

48. USE OF PATENTS AND OTHER INDUSTRIAL PROPERTY RIGHTS: The prices stated in the Contract shall be deemed to include all amounts payable for the use of patents, copyrights, registered charges, trademarks, and payments for any other Industrial Property Rights. The Seller shall indemnify the Buyer 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 use. The Seller shall be responsible for the completion of the supplies including spares, tools, technical literature, and training aggregates irrespective of the fact of infringement of the supplies or any or all the rights mentioned above.

49. NON-DISCLOSURE: The Bidding documents, including this RFP and all attached documents provided by Buyer, are and shall remain or become the property of Buyer. These are transmitted to the Bidders solely for the purpose of preparation and the submission of a proposal in accordance herewith. Bidders are to treat all information as strictly confidential and shall not use it for any purpose other than for preparation and submission of their proposal. The provisions of this Para shall also apply mutatis mutandis to Bids and all other documents submitted by the Bidders, and Buyer will not return to the Bidders any proposal, document or any information provided along therewith (except unopened Commercial Bid as relevant). Information relating to the examination, clarification, evaluation, and recommendation for the Bidders shall not be disclosed to any person who is not officially concerned with the process, or concerning the Bidding Process. Buyer will treat all information, submitted as part of the Bid, in



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confidence and will require all those who have access to such material to treat the same in confidence. Buyer may not divulge any such information unless it is directed to do so by any statutory entity that has the power under law to require its disclosure or is to enforce or assert any right or privilege of the statutory entity and/ or Buyer or as may be required by law or in connection with any legal process.

50. CONFIDENTIALITY OF INFORMATION: No party shall disclose any information to any 'Third Party' concerning the matters under this RFP generally. Any information identified as 'Proprietary' in nature by the disclosing party shall be kept strictly confidential by the receiving party and shall not be disclosed to any third party without the prior written consent of the original disclosing party. This clause shall apply to the sub-contractors, consultants, advisors, or the employees engaged by a party with equal force.

51. FRANKING CLAUSE:

- (a) Franking Clause in the case of Acceptance of Goods " The fact that the goods have been inspected after the delivery period and passed by the Inspecting Officer will not have the effect of keeping the contract alive. The goods are being passed without prejudice to the rights of the Buyer under the terms and conditions of the contract".
- (b) Franking Clause in the case of Rejection of Goods "The fact that the goods have been inspected after the delivery period and rejected by the Inspecting Officer will not bind the Buyer in any manner. The goods are being rejected without prejudice to the rights of the Buyer under the terms and conditions of the contract."

52. CLAIMS:

- (a) The quantity claims for deficiency of quantity and/ or the quality claims for defects or deficiencies in quality noticed during the inspection shall be presented within 45 days of completion of inspection.
- (b) The Seller shall collect the defective or rejected goods from the location nominated by the Buyer and deliver the repaired or replaced goods at the same location, within mutually agreed period, under Seller's arrangement without any financial implication on the Buyer.
- (c) The description and quantity of the stores are to be furnished to the Seller along with concrete reasons for making the claims. Copies of all the justifying documents will be enclosed to the presented claim. The Seller will settle the claims within 45 days from the date of the receipt of the claim at the Seller's office, subject to acceptance of the claim by the Seller. In case no response is received during this period the claim will be deemed to have been accepted.
- (d) The Seller will collect the defective or rejected goods from the location nominated by the Buyer and deliver the repaired or replaced goods at the same location under Seller's arrangement.
- (e) Claims may also be settled by reduction of cost of goods under claim from bonds submitted by the seller or payment of claim amount by seller through demand draft, in favour of Principal Controller/Controller of Defence Accounts concerned.



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(f) The quality claims will be raised solely by the Buyer and without any certification/countersignature by the seller's representative stationed in India.

- 53. VALID POLICE CLEARANCE CERTIFICATE (PCC):** The Bidder to ensure that they have undertaken rigorous verification of the nationality and antecedents of all the employees / personnel engaged / deputed for undertaking the work at the Buyer's location through Police verification. A copy of the valid Police Clearance Certificate (PCC) of all the employees / personnel to be deputed at the Buyer's location shall be submitted to the Project Team / CMM Dept prior to commencement of the work. Employee / personnel without a valid PCC shall not be allowed inside the Buyer's premises and the Bidder shall be solely responsible for the delays on account of non-availability of the PCC."
- 54. GOVERNMENT REGULATIONS:** It may be confirmed that there are no Government restrictions or limitations in the country of the Bidder or countries from which subcomponents are being procured and/or for the export of any part of the deliverables being supplied.



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PART-VI: FORMAT FOR PRICE BID

Sl. No.	Description	Qty (No's)	Preventive Maintenance Services Frequency	NC- AMC Cost for First year (Rs.)	NC- AMC Cost for Second year (Rs.)
A	Main Pump- 90 HP	02	Monthly		
B	Jockey Pump- 15 HP	02			
C	Pipe Line 100/150/200/mm Dia	--			
D	Fire Hydrant Post/ Point with valves 9 Wheel Type)	35			
E	Stowing Box	35			
F	Hose Pipes	70			
G	Nozzles	70			
H	Coupler/ Caps	35			
I	Butterfly Valves in Chamber	16			
H	Painting (enamel type) as per Annexure-I(D)		Yearly		
	Total NC- AMC Maintenance Cost for two years				
	Taxes Extra (%)				
	Total NC- AMC Cost for two years inclusive of GST				
	Total Cost of (Sl. No. A to H)		# This will be used in determining the L1 Vendor		

Price details furnished in above table will determine the L1 vendor. L1 vendor will be arrived separately for NC-AMC services and Spares/Repairs rate contract.

Detailed servicing to be carried out for above fire hydrants assets as per the scope of work described and attached Annexure- A & applicable IS 3844/ IS 13039 Standards.

a) NC-AMC Maintenance cost for two years (exclusive of GST): Rs. _____

b) NC-AMC Maintenance cost for two years (Inclusive of GST): Rs. _____



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Note:

- Price should be quoted for all the items listed above in the specified pricing format without any overwriting/erasing/cutting. Use of white fluid/correction fluid/correction tape is strictly prohibited.
- The rates should be inclusive of freight charges, packing charges etc. conditional bids shall be rejected. The rates for the quoted items should not be higher than the MRP.
- Cost Breakup of each deliverable/ services needs to be provided as annexure to the above table in Price Bid.
- All other Terms and Conditions/ Exclusions/ Deviations from RFP terms needs to be brought out clearly in the bid.

RATE CONTRACT – SPARE PARTS /REPAIRS LIST

Sl. No	Item Description	Qty	Unit	Unit Price (Rs.)
1.	Replacement of Stowing/ Storage hose box made of 18-gauge MS sheet 800mm x600mm x250mm with double door with 4mm thick glasses and door frames made of 16-gauge MS sheet painted fire red and brilliant white inside yard all as specified.	01	Nos	
2.	Taking down old unserviceable hydrant hose pipe and supply, installation testing and commissioning of new hydrant hose pipe 63mm dia, 1x15 m long RRL type with gunmetal 63mm size male coupling at one end and female coupling at the other; Pressure withstand of 450psi, rot proofed with ISI mark.	01	Nos	
3.	Taking down old unserviceable Fire Nozzle supply install testing new Fire Nozzle of 63mm dia SS type confirming to IS5290 with ISI mark.	01	Job	
4.	Taking down old damaged glass of Stowing box Supply & fix Glass for existing box with rubber beading.	01	Nos	
5.	Taking down old unserviceable coupler house , Supply & fix Coupler house SS type confirming to IS5290 with ISI mark.	01	Nos	
6.	Taking down old unserviceable hydrant valve and supply, installation testing and commissioning of single headed hydrant valve confirming to IS5290 with ISI mark of Size 63MM dia oblique type with instantaneous hose coupling adaptor etc with all necessary fittings' material complete.	01	Nos	



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Sl. No	Item Description	Qty	Unit	Unit Price (Rs.)
7.	Taking down old unserviceable hydrant valve and supply, installation testing and commissioning of double headed hydrant valve confirming to IS5290 with ISI mark of Size 63MM dia oblique type with instantaneous hose coupling adaptor etc with all necessary fittings' material complete.	01	Nos	
8.	Replacement of fire hydrant stand post both ends flanged 1.5m long 80mm dia with one end bend 90 degrees suitable for long single fire hydrant valves including duck foot bend double flanged and sluice valve all as specified and directed.	01	Nos	
9.	Taking down unserviceable branch pipe and supply install testing and commissioning of new short branch pipe 63mm female instantaneous inlet made of gun metal, male threaded outlet complete with hexagonal based nozzle heavy quality confirming to IS 903.	01	Nos	
10.	Supplying, fixing, testing and commissioning of Butterfly valve of 100MM DIA PN 1.6 rating with bronze/ gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required. Scope includes replacement of old damaged valves with new ones including necessary welding brazing works etc.	01	Nos	
11.	Supplying, fixing, testing and commissioning of Butterfly valve of 150MM DIA PN 1.6 rating with bronze/ gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required. Scope includes replacement of old damaged valves with new ones including necessary welding brazing works etc.	01	Nos	
12.	Supplying, fixing, testing and commissioning of Butterfly valve of 200MM DIA PN 1.6 rating with bronze/ gunmetal seat duly ISI marked complete with nuts, bolts, washers, gaskets conforming to IS 13095 of following sizes as required. Scope includes replacement of old damaged valves with new ones including necessary welding brazing works etc.	01	Nos	
13.	Repair and servicing of existing pump starters in the LT panel of any rating/type and any capacity. Replacing unserviceable components such as contractors, relays, Single phase preventers, meters, cable lugs, MCBs Push buttons and CT coils etc including necessary wiring for DOL/Star delta starters using FRLS copper conductor of size not less than 1.5sqmm and necessary feruls and casing capping required to secure the wiring complete. (Components required to be replaced shall be measured and paid separately.)	01	Nos	



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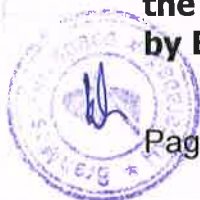
Sl. No	Item Description	Qty	Unit	Unit Price (Rs.)
14.	Supply only the following parts of the pump panel;			
15.	3P power contactor AC-3 type 415V conforms to IS /IEC 60947-4-1 with required NO+NC Addon blocks & operation Voltage of 380 to 400, Suitable for 90 HP pump motor as per the current rating of the OEM name plate.	01	Nos	
16.	Electronic Motor protection relay confirming IEC 947-4-1 with selectable trip class - 10A, 10,20,30 with inbuilt overload, earth fault, phase sequence reversal, locked rotor, trip indication, current coil & test features of current rating 5-28A.	01	Nos	
17.	Star delta timer	01	Nos	
18.	AC Volt meter/ Ammeter digital display, flush mounted of existing size. Make: AE/ L& T/ HPL or Equivalent.	01	Nos	
19.	VAF+PF digital type class 1 accuracy meters with input voltage range 50-520V.	01	Nos	
20.	Epoxy ring type current transformer confirming IS 2705/1992, operating voltage 250V, 50/60 Hz of ratio 100/S Amps.	01	Nos	
21.	MCB TPN 63A working on 415V 50Hz 10KA C curve	01	Nos	
22.	Taking out unserviceable star delta starters from panel board after disconnecting the electrical connection and supply & fix new Star delta starters suitable for 90HP 3 phase.	01	Nos	
23.	Taking out unserviceable star delta starters from panel board after disconnecting the electrical connection and supply & fix new Star delta starters suitable for 15HP 3 phase.	01	Nos	
24.	Taking out underivable single-phase preventer after disconnecting electrical supply and supply & fix new single-phase preventer 415V AC, 50Hz suitable for pump sets up to 90HP. Make: Minilac/L& T of Equivalent.	01	Nos	
25.	Excavation in trenches in Hard/ dense soil not exceeding 1.5m wide and not exceeding 1.5m depth and getting out for taking out or laying of pipes and making bottom surfaces of exaction levelled.	01	Cum	



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Sl. No	Item Description	Qty	Unit	Unit Price (Rs.)
26.	Returning refiling in trenches with excavated soil including spreading levelling watering and well ramming in layers not exceeding 25cm complete all as per direction.	01	Cum	
27.	Removing surplus soil/ spoil to a distance not exceeding 50m away and depositing as directed at a level not exceeding 1.5m above the starting point.	01	Cum	
28.	Road cutting not exceeding 1.5m wide and not exceeding 1.5m depth and getting out for taking out or laying of pipes and making bottom surfaces of exaction levelled. Relaying of Road using PCC of ratio 1:2:4 to make it and even surface.	01	Cum	
29.	Supply, laying in repairs heavy duty Class C MS pipe of 100mm bore confirming to IS 1239 including fittings like Tees, bends, Elbows, unions, reducers, flanges etc as required. Paint with 2 coats of fire red enamel paint over a coat of anti-corrosive paint including welding complete.	01	Rm	
30.	Supply, laying in repairs heavy duty Class C MS pipe of 150mm bore confirming to IS 1239 including fittings like Tees, bends, Elbows, unions, reducers, flanges etc as required. Paint with 2 coats of fire red enamel paint over a coat of anti-corrosive paint including welding complete.	01	Rm	
31.	Supply, laying in repairs heavy duty Class C MS pipe of 200mm bore confirming to IS 1239 including fittings like Tees, bends, Elbows, unions, reducers, flanges etc as required. Paint with 2 coats of fire red enamel paint over a coat of anti-corrosive paint including welding complete.	01	Rm	
32.	Material and labour for construction of Valve Chamber of size 900X900X600mm internal size including necessary earth work and excavation PCC1:4:8 type D2 foundation brickwork in cement mortar ,1:4 PCC1:4:4type B1 for coping, 15mm thick rendering in cement mortar, including provision of mild steel cover of 3mm thick on 40X40X6mm angle iron frame work with 2 coats of synthetic enamel paint over a coat of zinc chrome primer and locking arrangements complete.	01	Nos	
33.	Pressure Gauge – 0-12 Bar range, Dia – 200mm	01	Nos	
34.	Pressure Switch – 0 - 10 bar pressure setting	01	Nos	

Above rate contract shall be for two years, NC-AMC period and based on the equipment conditions spares shall be replaced on mutual acceptance by BAPL & vendor for execution/ replacement. Billing at actuals.




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PART-VII: COMPLIANCE STATEMENT

The Bidder is required to submit detailed Compliance Statement containing all Terms & Conditions as enumerated at Part II, Part III, Part IV, Part V, Part VI and Part VII of this RFP and give confirmation of their acceptance of all Terms & Conditions. The deviations, if any, may be clearly indicated

COMPLIANCE STATEMENT			
Sl. No.	Clause	RFP Requirement	Comments by Bidder
	Part-I	GENERAL INFORMATION AND INSTRUCTIONS	
	Sl. No. of Clause as per RFP	Terms & Conditions as per RFP	Complied (Yes / No) If No, give details
	Part-II	SCOPE OF WORK	
	Sl. No. of Clause as per RFP	Terms & Conditions as per RFP	Complied (Yes / No) If No, give details
	PART-III	EVALUATION CRITERIA OF BIDS	
	Sl. No. of Clause as per RFP	Terms & Conditions as per RFP	Complied (Yes / No) If No, give details
	Part-IV	SPECIAL TERMS & CONDITIONS	
	Sl. No. of Clause as per RFP	Terms & Conditions as per RFP	Complied (Yes / No) If No, give details
	Part-V	STANDARD TERMS & CONDITIONS	
	Sl. No. of Clause as per RFP	Terms & Conditions as per RFP	Complied (Yes / No) If No, give details
	PART-VI	PRICE BID FORMAT	
	Sl. No. of Clause as per RFP	Terms & Conditions as per RFP	Complied (Yes / No) If No, give details

- **There should be no discrepancy between the details mentioned in the Bid and the Compliance Statement.**
- **In case of any such discrepancies, the terms & conditions mentioned in the RFP and their compliances as mentioned in either of the two documents shall prevail.**


General Manager (CMM)
(Authorized Signatory)

S Srinivasa Rao
General Manager (CMM)
BrahMos Aerospace Pvt.Ltd.
Near DRDL Rear Gate
Kanchanbagh, Hyderabad-500058.



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Annexure – I

Scope of Work / Technical Requirements/ Specifications

A) The contractor shall carry out of the following activities:

Non-Comprehensive **monthly maintenance** including routine check-up, cleaning, lubrication, testing and repairing of minor faults of fire hydrant system which includes stowing boxes & its accessories, pipelines, valves, fire pumps, electrical panel, nozzles, hoses by carrying out preventive maintenance in existing system and making entire system trouble free and efficient functioning with all accessories connected with reference to Fire/NBC standards to meet statutory requirements (detailed checklist is attached as Annexure-A) and with one coat of RED enamel paint on entire fire hydrant system.

B) Consumables which are part of the NC-AMC are as below:

- a) Pump related – Mechanical seals/packing gland rope, bearing grease/lubricants, Coupling spider/flexible element, Suction strainer mesh/screen
- b) Electrical Panel – Indicator lamps, Fuses & MCB replacements, Contactor contacts
- c) Hose & Nozzle – Hose gaskets/washers (all coupling ends), O-rings for nozzle inlet connections
- d) Valves – Valve packing rope/gland packing, Valve stem O-rings, PRV diaphragms/catridges (wear items), Handwheel replacements (if damaged)
- e) Stowing box/Cabinet – Glass panel replacements, Door latch/lock mechanism, Signage labels) if damaged)
- f) General – Pipe thread sealant/jointing compound, Anti-corrosion paint (touch up), Pressure gauge replacements, Cable ties, clamps and minor fasteners etc.

Note: For repairs/replacements except the above-mentioned consumables are in the BrahMos scope and are not part of the NC-AMC. List of Spares/Repairs/Service charges which are not part of NC-AMC is placed at Annexure-C. They will be procured by BAPL and get replaced by the firm, on case-to-case basis.



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- C) **Breakdown/Emergency support** - Attending to system faults/breakdowns on call basis. Maximum of 12nos per year, in addition to regular monthly Preventive Maintenance visits, are included in the NC-AMC.
- D) **Painting of one coat Enamel type** (Fire RED colour) of the complete Fire Hydrant system including pipelines, valves, fire pumps, electrical panel, nozzles, hoses stowing boxes & its accessories with proper surface preparation, (excluding underground pipes). Annually once is part of NC-AMC.
- E) **Service report** is to be generated for the monthly maintenance for all the system included in the NC-AMC.



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Annexure - A

 **FIRE HYDRANT SYSTEM**
Monthly Preventive Maintenance Checklist


PREVENTIVE MAINTENANCE

INSPECTION INFORMATION

Site / Location:		Building / Floor:	
Inspection Date:		Next Inspection:	
Inspected By:		Designation:	
Reviewed By:		Work Order No.:	

LEGEND

<input type="checkbox"/> OK – Satisfactory	<input type="checkbox"/> NG – Not Good / Defective	N/A – Not Applicable	Remarks – Notes / Actions
--	--	----------------------	---------------------------

 **SECTION 1 – PUMPS (Main, Jockey & Diesel)**

No.	Inspection Item	OK ✓	NG ✗	Remarks
1	Inspect pump casing for cracks, corrosion, or physical damage	<input type="checkbox"/>	<input type="checkbox"/>	
2	Check pump suction and discharge pressure gauges – verify readings within normal range	<input type="checkbox"/>	<input type="checkbox"/>	
3	Test pump start-up (manual and auto modes) – confirm priming and smooth operation	<input type="checkbox"/>	<input type="checkbox"/>	
4	Verify pump runs for minimum 10 minutes and reaches rated flow/pressure	<input type="checkbox"/>	<input type="checkbox"/>	
5	Check packing gland / mechanical seal for excessive leakage	<input type="checkbox"/>	<input type="checkbox"/>	
6	Lubricate bearings as per manufacturer's schedule	<input type="checkbox"/>	<input type="checkbox"/>	
7	Inspect coupling/flexible joint between pump and motor for wear or misalignment	<input type="checkbox"/>	<input type="checkbox"/>	
8	Check pump base frame and anchor bolts for tightness	<input type="checkbox"/>	<input type="checkbox"/>	
9	Test jockey (pressure maintenance) pump auto start/stop operation	<input type="checkbox"/>	<input type="checkbox"/>	
10	Verify diesel engine backup pump (if provided) starts and runs correctly	<input type="checkbox"/>	<input type="checkbox"/>	
11	Check diesel engine fuel level, battery condition, and coolant level	<input type="checkbox"/>	<input type="checkbox"/>	



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12	Record pump running current and compare with nameplate FLA	<input type="checkbox"/>	<input type="checkbox"/>	
13	Check and record pump suction strainer – clean if necessary	<input type="checkbox"/>	<input type="checkbox"/>	
14	Verify no abnormal noise or vibration during pump operation	<input type="checkbox"/>	<input type="checkbox"/>	

⚡ SECTION 2 – ELECTRICAL PANEL & CONTROL EQUIPMENT				
No.	Inspection Item	OK ✓	NG ✗	Remarks
1	Inspect main panel enclosure for signs of moisture, corrosion, or pest intrusion	<input type="checkbox"/>	<input type="checkbox"/>	
2	Verify all circuit breakers and fuses are correctly labelled and in good condition	<input type="checkbox"/>	<input type="checkbox"/>	
3	Check panel interior wiring for loose connections, overheating marks, or insulation damage	<input type="checkbox"/>	<input type="checkbox"/>	
4	Test main isolator / MCB tripping and resetting function	<input type="checkbox"/>	<input type="checkbox"/>	
5	Verify automatic changeover switch (ATS) operates correctly on mains failure	<input type="checkbox"/>	<input type="checkbox"/>	
6	Confirm Earth/Neutral bonding and grounding connections are secure	<input type="checkbox"/>	<input type="checkbox"/>	
7	Check incoming supply voltage and record (L1-L2, L2-L3, L3-L1)	<input type="checkbox"/>	<input type="checkbox"/>	
8	Inspect contactor contacts for pitting or burning	<input type="checkbox"/>	<input type="checkbox"/>	
9	Test overload relay settings correspond to motor nameplate FLA	<input type="checkbox"/>	<input type="checkbox"/>	
10	Verify control circuit fuses and emergency stop buttons are functional	<input type="checkbox"/>	<input type="checkbox"/>	
11	Confirm indicating lamps (Run/Fault/Power ON) are working	<input type="checkbox"/>	<input type="checkbox"/>	
12	Inspect cable trays and conduits for mechanical damage	<input type="checkbox"/>	<input type="checkbox"/>	
13	Ensure panel door seals are intact and lockable	<input type="checkbox"/>	<input type="checkbox"/>	



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SECTION 3 – HOSE REEL / STOWING BOX				
No.	Inspection Item	OK ✓	NG ✗	Remarks
1	Inspect hose cabinet / stowing box enclosure for dents, corrosion, or broken hinges	<input type="checkbox"/>	<input type="checkbox"/>	
2	Verify box door opens freely and closes flush; latch/lock is functional	<input type="checkbox"/>	<input type="checkbox"/>	
3	Check glass panel (if present) for cracks and replace if damaged	<input type="checkbox"/>	<input type="checkbox"/>	
4	Confirm 'FIRE HOSE' identification label/signage is clearly visible	<input type="checkbox"/>	<input type="checkbox"/>	
5	Verify internal fittings (rack, reel, or bracket) are securely mounted	<input type="checkbox"/>	<input type="checkbox"/>	
6	Inspect interior for moisture, mold, or foreign materials	<input type="checkbox"/>	<input type="checkbox"/>	
7	Check that box location is unobstructed with 0.9 m clear space on all sides	<input type="checkbox"/>	<input type="checkbox"/>	
8	Confirm wall mounting brackets and anchor bolts are tight	<input type="checkbox"/>	<input type="checkbox"/>	
9	Ensure stowing box is included in site fire equipment asset register	<input type="checkbox"/>	<input type="checkbox"/>	

SECTION 4 – FIRE HOSE				
No.	Inspection Item	OK ✓	NG ✗	Remarks
1	Unroll hose completely and inspect for cuts, cracks, abrasions, or mildew	<input type="checkbox"/>	<input type="checkbox"/>	
2	Check both male and female couplings for thread damage, corrosion, or distortion	<input type="checkbox"/>	<input type="checkbox"/>	
3	Inspect hose gaskets / washers – replace if hardened, cracked, or missing	<input type="checkbox"/>	<input type="checkbox"/>	
4	Perform visual check for delamination or blistering of inner lining	<input type="checkbox"/>	<input type="checkbox"/>	
5	Re-roll or re-rack hose using approved double-donut or accordion fold	<input type="checkbox"/>	<input type="checkbox"/>	
6	Perform hydrostatic pressure test (annual) – record test pressure and date	<input type="checkbox"/>	<input type="checkbox"/>	
7	Check hose length and diameter match the system design requirement	<input type="checkbox"/>	<input type="checkbox"/>	





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8	Verify hose is free of kinks when stored and neatly fitted in box	<input type="checkbox"/>	<input type="checkbox"/>	
9	Confirm hose is correctly coupled to landing valve or rack connection	<input type="checkbox"/>	<input type="checkbox"/>	
10	Record date of manufacture; replace hose exceeding service life per NFPA/local code	<input type="checkbox"/>	<input type="checkbox"/>	

SECTION 5 – NOZZLES				
No.	Inspection Item	OK ✓	NG ✗	Remarks
1	Inspect nozzle body for cracks, dents, or deformation	<input type="checkbox"/>	<input type="checkbox"/>	
2	Test nozzle flow control (ON/OFF) – ensure smooth operation without sticking	<input type="checkbox"/>	<input type="checkbox"/>	
3	Check spray/jet pattern selector (combination nozzle) – verify all settings function	<input type="checkbox"/>	<input type="checkbox"/>	
4	Inspect nozzle inlet coupling thread and gasket for wear or damage	<input type="checkbox"/>	<input type="checkbox"/>	
5	Clean nozzle orifice – remove any debris or mineral deposits	<input type="checkbox"/>	<input type="checkbox"/>	
6	Verify correct nozzle size (diameter/flow rate) matches system specification	<input type="checkbox"/>	<input type="checkbox"/>	
7	Test adjustable bail handle or pistol grip for secure grip	<input type="checkbox"/>	<input type="checkbox"/>	
8	Ensure nozzle is stored on hose and ready for immediate deployment	<input type="checkbox"/>	<input type="checkbox"/>	



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SECTION 6 – VALVES				
No.	Inspection Item	OK ✓	NG ✗	Remarks
1	Inspect all landing valves, gate valves, and ball valves for external corrosion or damage	<input type="checkbox"/>	<input type="checkbox"/>	
2	Operate each valve through full open-to-close cycle – confirm smooth operation	<input type="checkbox"/>	<input type="checkbox"/>	
3	Check valve packing/gland nuts for leaks – tighten or replace packing as needed	<input type="checkbox"/>	<input type="checkbox"/>	
4	Verify all valves are in their correct normal position (open/closed per system design)	<input type="checkbox"/>	<input type="checkbox"/>	
5	Inspect valve handwheels, levers, and locking devices for damage	<input type="checkbox"/>	<input type="checkbox"/>	
6	Check non-return (check) valves for correct flow direction marking and seal integrity	<input type="checkbox"/>	<input type="checkbox"/>	
7	Test pressure reducing valves (PRVs) – verify outlet pressure within design range	<input type="checkbox"/>	<input type="checkbox"/>	
8	Inspect drain valves and test cocks – confirm they open/close and are leak-free	<input type="checkbox"/>	<input type="checkbox"/>	
9	Verify valve identification tags/labels are legible and in place	<input type="checkbox"/>	<input type="checkbox"/>	
10	Check isolation valve position indicators and locking pins are secured	<input type="checkbox"/>	<input type="checkbox"/>	
11	Lubricate valve stems and handwheels as per manufacturer recommendation	<input type="checkbox"/>	<input type="checkbox"/>	



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SECTION 7 – PIPELINES & SUPPORTS				
No.	Inspection Item	OK ✓	NG ✗	Remarks
1	Walk entire visible pipeline route – inspect for corrosion, rust spots, or physical damage	<input type="checkbox"/>	<input type="checkbox"/>	
2	Check all pipe supports, hangers, and brackets for looseness or corrosion	<input type="checkbox"/>	<input type="checkbox"/>	
3	Inspect pipe joints, flanges, and threaded connections for leaks or seepage	<input type="checkbox"/>	<input type="checkbox"/>	
4	Verify pipeline color coding (red) and direction-of-flow arrows are clearly visible	<input type="checkbox"/>	<input type="checkbox"/>	
5	Confirm all penetrations through walls/floors are properly sealed with fire-rated material	<input type="checkbox"/>	<input type="checkbox"/>	
6	Check flexible couplings (if any) for cracking or deterioration	<input type="checkbox"/>	<input type="checkbox"/>	
7	Inspect anti-corrosion coating or paint – touch up bare metal areas	<input type="checkbox"/>	<input type="checkbox"/>	
8	Verify pressure gauges along pipeline are reading within acceptable range	<input type="checkbox"/>	<input type="checkbox"/>	
9	Check expansion joints for wear, extrusion, or cracking	<input type="checkbox"/>	<input type="checkbox"/>	
10	Confirm pipe freeze protection (heat trace/insulation) is intact in exposed areas	<input type="checkbox"/>	<input type="checkbox"/>	
11	Record any changes in flow/pressure that may indicate a blockage or leak	<input type="checkbox"/>	<input type="checkbox"/>	

INSPECTION SUMMARY

Pumps	Electrical Panel	Stowing Box	Hose	Nozzles	Valves & Pipelines
Pass / Fail / Partial	Pass / Fail / Partial	Pass / Fail / Partial	Pass / Fail / Partial	Pass / Fail / Partial	Pass / Fail / Partial



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CORRECTIVE ACTIONS / OBSERVATIONS

No.	Description of Defect / Observation	Location / Equipment	Priority (H/M/L)	Target Date
1				
2				
3				
4				
5				

SIGN-OFF & APPROVAL

Technician Signature	Supervisor Signature	Safety Officer Approval
Name: _____	Name: _____	Name: _____
Signature: _____	Signature: _____	Signature: _____
Date: _____	Date: _____	Date: _____

This checklist shall be retained for a minimum of 3 years per NFPA 25 / local authority requirements. Inspections must be performed by qualified and competent personnel only.

