



An India-Russia Joint Venture

BrahMos Aerospace Pvt. Ltd.

DRDO, PJ-10 Complex, Wardha Road, KM22,
Vill -Bothli, PO-Butibori, NAGPUR – 441 108 (M S)
Ph. No: 91-7103- 282703 / 282705
Fax No:91-7103- 282800

Ref: BMN/MM/ENQ/26-27/023

Date: 31/08/2026

REQUEST FOR QUOTATION (RFQ)

RETRO-MODIFICATION OF NOSE CAP SIMULATOR AT BAPL NAGPUR

1. BrahMos Aerospace, Nagpur invites “Two Bid System” sealed tenders for **Retro-Modification of Nose Cap Simulator** as per **Scope of Work (05 Pages)** attached at **Annexure-I**.

DUE DATE FOR SUBMISSION OF TENDER: 30 September 2026. 11:00Hrs

2. **Scope of Work.** The **Retro-Modification of Nose Cap Simulator** is to be fabricated as per the Scope of Work Document attached at **Annexure-I (05 Pages)**. Scope of work document duly stamped and signed by bidder to be sent along with technical bid. The vendor shall also provide the complete set of documents viz material test certificates, dimensional inspection certificates, and heat treatment certificate, coating certificate etc (if any). All raw materials, machining, stamping, marking, coating, heat treatment will be in supplier's scope.
3. **Drawings/documents: Retro-Modification of Nose Cap Simulator** to be fabricated as per their manufacturing drawings. This Drawings shall be collected from BAPL, Nagpur with prior intimation through email. In case the vendor is unable to visit the BAPL, Nagpur site for collection of the drawings, the Drawing CD shall be dispatched by courier only upon receipt of a specific request from the vendor through email. This CDs must be returned back to us with technical bid without duplication/photocopying.
4. **Delivery.** Free door delivery at BrahMos Aerospace, Nagpur as per para 12 of scope of work document.
5. **Inspection & Acceptance:** As per Para 9 of Scope of Work Document attached at Annexure-I.
6. The quotation should clearly indicate technical specs, price, GST, **HSN code (8-digit code)**, warranty, validity, delivery lead time, any other terms conditions (if any). Supplier GST registration number must be provided with quotation.
7. **Payment terms:** Our organisation being a Joint venture under Ministry of defence generally offers payment terms of 100% payment by RTGS within 45 days after delivery and satisfactory acceptance and against submission of GST Invoice, work completion certificate and other related documents against submission of 10% warranty BG. If warranty BG not submitted, then retention of 10% of amount in-lieu of Warranty BG for warranty period plus three months claim period.
8. **Warranty:** The warranty period shall be minimum of 12 months from the date of acceptance at our end. During the warranty period, the supplier shall guarantee that the goods supplied are brand new, unused, free from defects in design, material, and workmanship, and conform strictly to the technical specifications. Any defect/failure observed during the warranty period shall be rectified or the defective part/equipment shall be repaired/replaced free of cost, including all spares, labour, transportation, loading/unloading, and site visit charges.

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Kirby Place, Delhi Cantt-110 010, INDIA
Ph: 91-11-33123000, Fax: 91-11- 2568 4827.



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CIN: 748991D299599C074334



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9. **Validity of offer:** The offers for supply shall be kept open for acceptance for a period of 90 days (ninety days) from the date of opening of the tender (**Part I**). Offers with less validity may be summarily rejected by us.

10. **Liquidity damages.** The Buyer may deduct from the Seller, as agreed, liquidated damages at the rate of **0.5% per week/part thereof**, on the basic cost (excluding taxes and duties on final product) of the delayed stores which the seller has failed to deliver within the period agreed for delivery in the contract subject to **maximum of 10% of the total order value** (excluding taxes and duties on final product). In cases where partial delivery does not help in achieving the objective of the contract, LD shall also be levied on the total cost (excluding taxes and duties on final product) of the ordered quantity delivered by the vendor. This will also include the store(s) supplied within the delivery period that could not be put to use due to late delivery subject to a maximum of 5% of the total order value (inclusive of taxes and duty) of the Contract.

11. **TWO BID SYSTEM:** Bidders shall submit the offer in **TWO INNER ENVELOPES** as indicated below which shall be sealed in **One Outer Envelope**.

Envelope I - This sealed envelope should contain all the copies of **technical bid**. This envelope should be clearly marked "**Part I - Technical bid**", indicating Tender No., Due Date and Address & reference of the Bidder. **Following sequence of documents is desirable:**

- (i) Introductory/Covering/Reference letter
- (ii) Scope of work document duly signed and stamped by bidder [Annexure-I].
- (iii) CD provided with tender to be returned back along with technical bid.
- (iv) Earlier work orders (if any).
- (v) List-cum-summary of deviations of commercial terms (if any).

Envelope II - This sealed envelope should contain **only price details as per Appendix-A**. This envelope should be clearly marked "**Part II - Price bid**", indicating Tender No., Due Date and Address & reference of the Bidder. It should contain **only the duly filled and signed Priced bid** strictly as per format of **Appendix A**.

12. Both the envelopes (Part I & II) shall be put in **One cover, duly sealed**, super scribing as "**Retro-Modification of Nose Cap Simulator at BAPL, Nagpur**", Tender No., due date and the address and reference of the Bidder. **The above offer should reach this office on or before the due date 30.09.2026 & time 11:00 hrs.** 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.

13. Tender should not be addressed to any Individuals name but only by designation to:

Chief General Manager

M/s BrahMos Aerospace Pvt Ltd.

DRDO, PJ-10 Complex, Near Mohagaon bus stop,

KM 22, Wardha Road, Village: Bothli, PO: Butibori, Nagpur -441108.





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14. 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. The Bidder, if required, may also be called for the TCEC meeting for clarification on the Techno-Commercial Bid submitted by them.

15. EVALUATION OF PRICE BID:

- (a) The Price Bids of only those Bidders will be opened and evaluated, whose technical bids have been cleared by TCEC. The unopened Price Bids will be returned back to the Bidders by the Buyer on request by the Bidders.
- (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.

16. The tender shall be submitted in accordance with these instructions and any tender not confirming the instructions as above is liable to be rejected. These instructions shall form the part of the tender and contract.

17. This RFQ is being issued with no financial commitment and BrahMos Aerospace Pvt Ltd (also referred as "BAPL" or "Buyer") reserves the right to change or vary any part thereof or foreclose the procurement at any stage. BAPL also reserves the right to disqualify any vendor at any stage, should it be necessary on account of security consideration. **Chief General Manager, BrahMos, reserves the right to reject any tender/bid wholly or partly without assigning any reason at any stage.**

18. 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.

19. REPEAT ORDER CLAUSE: The Contract will have a Repeat Order Clause, wherein the Buyer can order for additional quantity up to a maximum of up to 100%, including order placed under Option Clause, of the originally contracted quantity of the original contracted quantity under the Contract within six months from the date of successful supply/successful completion of this contract. The Repeat Order will have rates on not exceeding basis (excluding taxes and duties) while the terms and conditions will remain unchanged. It will be entirely the discretion of the Buyer to exercise the Repeat order or not.

20. INTELLECTUAL PROPERTY RIGHT (IPR): The rights of Intellectual Property developed under the Contract will be either the property of the Buyer or jointly owned by Buyer and the Seller. The holding of rights of intellectual property will be decided by the Buyer based on the merits of the case. Even where the IPR is jointly held, Buyer will have the marching rights on IPR i.e. the Seller will have to give technical know-how/ design data for production of the item to the designated Agency nominated by Buyer. The Seller will, however, be entitled to license fee/ royalty from the Agency as per agreed terms and conditions. The Seller

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will also be entitled to use these intellectual properties for their own purpose, which specifically excludes sale or licensing to any third party.

21. 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.

22. MODIFICATIONS (CHANGE IN MANUFACTURING DRAWINGS), IF ANY:

(a) Should Buyer desire any modifications or improvements, additions or alterations to the design, drawings, specifications, place of delivery etc., the same shall be carried out by the firm.

- (i) Without additional payments: If the modifications or improvements are of minor in nature and are intimated before undertaking of the job as per existing specifications has been carried out.
- (ii) On payment of additional Expenses and extension of delivery schedule on mutual agreement, if modifications or improvements are major in nature.

(b) The recommendations of Committee / PRC will be considered as the basis for both Minor and Major modifications and for determining the requirements of additions/ reduction in expenditure and time for the contractor.

23. 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.

24. CONFIDENTIALITY OF INFORMATION: No party shall disclose any information to any 'Third Party' concerning the matters under this RFP generally. In particular, 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.

25. Regret to submit quotation: In case the supplier regrets to submit quotation, the documents sent with the enquiry are to be returned in as issued condition without any duplication and/or photocopying. In case the vendor is unable to quote, vendor shall send a regret letter/ email without fail **within 7 days of receipt of tender enquiry**. In case of non-receipt of quotations or regret letters/emails for three consecutive enquiries, such vendor is liable to be removed from our vendor list.

26. This tender will be evaluated on a Line-item basis, and the purchaser (i.e. BAPL) reserves the right to award the contract to multiple vendors for different line items or to split the quantities within a line item among multiple vendors, based on the best value for money and the purchaser's needs. Purchaser has the discretion to split the order for a particular line items among multiple vendors.



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27. Any Clarification may be sought from undersigned on a working day either on telephone or by personal visit to the site. **Project officer/ Contact Person for this tender is: Mr. Akhilesh Raut, SE, LL: (07103-282799/756, Mob: +91- 8007992245).**

The receipt of the RFP may please be acknowledged.

Thanking you.

FOR BrahMos Aerospace Private Limited

(Authorized Signatory)

ENCL:

1. Annexure-I: Scope of Work.
2. Appendix A: Price Bid Format

Ganesh Hanumant Darekar
Deputy General Manager
(Material Management)



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Appendix - A

(Enquiry No. BMN/MM/ENQ/25-26/023 dtd 31/08/2026)

PRICE BID FORMAT

RETRO-MODIFICATION OF NOSE CAP SIMULATOR AT BAPL NAGPUR

Sr. No	Item description	Qty	UoM	Unit Price (Rs.)	Total Amount (Rs.)
01	Nose Cap Simulator for Pre-Baro Leak Check & Baro Vacuum Leak Test (Ref-Scope of Work for NC Simulator- BM(N)/NCS/SOW/01).	02	No's		
Total Basic amount:					
GST / Taxes :					
Gross Total amount:					
Amount in words					
Delivery destination: F.O.R. BrahMos Nagpur					
Validity of offer: 90 Days					
Payment terms: As per tender enquiry terms conditions					
Warranty BG: As per tender enquiry terms conditions					
Delivery period: Two months from the date of PO.					
Warranty: 01 Year from the date of acceptance by BAPL.					
HSN Code:					
LD Clause: Applicable as per tender enquiry					

Signature & Seal of Supplier



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SCOPE OF WORK AND TECHNICAL SPECIFICATIONS
FOR FABRICATION AND ASSEMBLY OF NOSECAP SIMULATOR

1. Introduction-

Nose Cap Simulator (NCS) is a ground support equipment used as a substitute of combat Nose cap for LV and AV articles to attain the required configuration of 0010 stage for ensuring the air tightness check of external boundary of article with internal excessive pressure using sniffer method (Pre-baro Leak Test) and external excessive pressure using evacuation method (Baro Vacuum Chamber Leak Test).

The Nose cap body CK310-0800, material –Amr6 equivalent to AA5083 H32 tempered is to be supplied to vendor by BAPL Nagpur to customize it to the requirements of Nosecap Simulator as per design drawings.

2. Scope of Supply:

The scope of work includes the fabrication of DN40 and DN200 adapter subassemblies and incorporation of same on the assembly CK310-0800-0 provided by BAPL, Nagpur. The vendor shall fabricate the adapters as per the design drawings and specifications provided by BAPL Nagpur. The vendor has to supply the items as per BOQ/ List of deliverables enclosed as Annexure 1.

3. Basic parameters and dimensions

The dimensions and parameters of the deliverable items/assembly should be as per the technical drawings provided to vendor by BAPL Nagpur. Any deviation from the drawings is not allowed. Decision to allow any deviation with respect to assemblies, change in design/material (if any required) will be taken on a case-to-case basis by BAPL Nagpur.

4. Raw Materials

Raw material procurement shall be entirely in vendor's scope. Heat treatment/ tempering required for the raw material AA5083 H32 mentioned as a part of BOM (Refer Annexure I) should be ensured by Vendor and required reports to be included. Decision regarding the use of equivalent materials will be taken by BAPL Nagpur in mutual agreement with the vendor. The vendor has to provide Certificate of conformance for all equivalent materials to be used.




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5. Design Drawings and Technical Specifications

Fabrication, assembly and pneumatic testing of Nose cap Simulator has to be in strict accordance with the design drawings and technical specifications. All the relevant technical drawings and specifications shall be provided to the vendor by BAPL Nagpur.

6. Manufacturing/Fabrication Requirements

Manufacturing/Fabrication of the assemblies is to be done as per the BOM and assembly drawings supplied by BAPL Nagpur. All heat treatment and surface treatment requirements have to be met, if required. Welding of the assemblies to be done with appropriate welding method to achieve the required strength mentioned as per designed drawings provided by BAPL, Nagpur.

7. Welding

- The welding of the sub-assemblies shall be carried out as specified in the design drawings supplied by BAPL and as per the relevant welding standards applicable for the selected materials.
- Only the welder(s) authorized/certified (as per ISO 9606-1: 2012) for that particular task should be allowed to operate.
- Prior to commencement of welding process, a detailed WPS & PQR document to be generated and supplied by the vendor, and welding work to be carried out in accordance to it upon obtaining concurrence from BrahMos.
- All the weld joints shall be tested by Red Dye penetration test as per IS 3658-1999 and Radiographic Testing as per relevant ASME/IS standards. All weld joints shall be free from weld cracks. Any abrupt discontinuities in weld bead geometry, cracks, laps or seams in the welded joints are not allowed.

8. Testing and Inspection

- Dimensional Inspection to be carried out for all items and report for the same has to be submitted.
- Pneumatic testing to be carried out after complete assembly of DN200 and DN40 subassemblies onto the Nose-cap body as specified below, and reports of the same to be submitted-

Sl	Testing Method	Gauge pressure	Qualification criteria/ Max. allowable leak rate
i	Strength	1.5 bar – internal, 5 min hold	No visual deformation or pressure drop
ii	Sniffer	1.0 bar - internal (with 10% He)	Weld jt.- 1×10^{-6} mbarL/s, Sealed jt.- 1×10^{-5} mbarL/s
iii	He Spraying	-1.0 bar - internal	Weld jt.- 1×10^{-6} mbarL/s, Sealed jt.- 2.5×10^{-6} mbarL/s
iv	Evacuation	2.6 bar - external (with 10% He) -1.0 bar - internal	2.66×10^{-2} mbarL/s (for NCS + entire article)

- Heat Treatment Certificates and weld joint inspection reports need to be submitted.
- Fitment trial and leak testing of the Nose cap Simulator in Baro-Vacuum Chamber is to be carried out at BAPL Nagpur. The vendor has to readily undertake any rework required to ensure proper fitment and absence of leaks.

Adil Shah
Vendor



9. Acceptance Criteria

The acceptance of the deliverables is subject to the following criteria:

- Submission of Certificate of Conformance for equivalent and standard materials, if applicable.
- Submission of all material test certificates (for chemical, mechanical and heat treatment properties). Material tests have to be carried out at NABL Accredited Laboratory.
- Successful completion of all the tests and submission of respective reports. All the tests are in the scope of the vendor.
- Qualified welders who possesses necessary welding certificate shall be deployed for the welding works. Welding certificate to be submitted along with the tender document.
- The pressure testing and Visual Inspection as per design documents to be performed by vendor at their end and the same shall be witnessed by BAPL Rep. In case of any abnormalities found with respect to material, fabrication or assembly, necessary rectification/modification will lie in the scope of vendor.
- Successful fitment trial and pressure testing of Nose cap Simulator as a part of 0010 stage inside Baro-Vacuum Chamber Set up at BAPL Nagpur. (To be performed within 2 months from date of delivery)

10. Painting

Painting is to be carried for all components and assembly units by spray method as per standard painting procedure with 01 (one) coat of appropriate primer and 02 (two) coats of **red** enamel paint in order to avoid corrosion for achieving longer durability and reliability.

11. Preservation, Packing and Transportation

The deliverables shall be packed and transported to BAPL Nagpur by the vendor. Necessary preservation and packing of assemblies to be carried out by vendor to avoid any damage during transportation and delivery to BAPL Nagpur.

12. Delivery and Installation schedule

The vendor is expected to supply the Nose cap simulator as assembly within **$T_0 + 2$ months**, where T_0 is the date of issue of purchase order, receipt of all relevant technical drawings and free issue material by vendor.

13. Supplier's Guarantee

The vendor shall guarantee the quality and conformance to technical specifications for the deliverables for a period of at least one year. Guaranteed period starts from the point of successful testing and acceptance by BAPL Nagpur.

As per 13th point



ANNEXURE 1: LIST OF DELIVERABLES

To Scope of Work Doc. No. BM(N)/NCS/SOW/01 dated 14 Jul 2026

Sl. No.	Item Description	Material / Make	Item Designation / Drawing	Qty (nos)	Scope
1	DN40 assembly	As per BOM	BMN/NCS/09	6	Vendor
2	DN200 assembly	As per BOM	BMN/NCS/06	2	Vendor
3	CK310-0800-0 NC Body/ NC Dome	AMr6/AA5083	BMN/NCS/01	2	BAPL
Spare Parts					
4	DN40 lid	SS316L/SS304L	BMN/NCS/08-1	4	Vendor
5	K324 tightening tool	EN19	LINE/JF/BIC/008	1	Vendor
6	Pivoting Eye-Bolt	SWL>1T	M16x1.5x18	8	Vendor
7	Hex Bolt (10.9 Grade)	Unbrako (HSS)	M6x14	18	Vendor
8	Hex Bolt (10.9 Grade)	Unbrako (HSS)	M10x60	24	Vendor
9	Hex Nut (10.9 Grade)	Unbrako	M10	24	Vendor
10	Washer	Unbrako	M10 (10.5x18x1.6)	48	Vendor
11	Hex Bolt (10.9 Grade)	Unbrako (HSS)	M8x50	8	Vendor
12	Hex Nut (10.9 Grade)	Unbrako	M8	8	Vendor
13	Washer	Unbrako	M8 (8.4x15x1.6)	16	Vendor
14	O-ring	Vitone rubber	ID=50mm, c/s dia=3.2mm	12	Vendor
15	O-ring	Vitone rubber	ID=227mm, c/s dia=6.4mm	16	Vendor

Bill of Material for Pyro Stopper

Sl. No.	Item Description	Material	Item Designation	Qty (nos)	Scope
1	Dummy Pyro-Stopper	SS316L/SS304L	BMN/NCS/10	10	Vendor
2	Washer GOST 10450-78	Unbrako	M6 narrow washer	50	Vendor
3	Nut OCT 92-0742-72	Unbrako	M6-6H Hex Nut	50	Vendor



Bill of Material for NCM Stoppers

S.No.	Item Description	Material	Item Designation	Qty (nos)	Scope
1	Stopper	AISI 5140	CK310CT-6780-1	8	Vendor
2	Stopper	AISI 5140	CK310CT-6780-1-01	8	Vendor
3	Stopper	AISI 5140	CK310CT-6780-1-02	4	Vendor
4	Stopper	AISI 5140	CK310CT-6780-2	4	Vendor
5	Nut	15CDV6	CK310-6780-1	8	Vendor
6	Nut	15CDV6	CK310-6780-1-01	8	Vendor
7	Nut	15CDV6	CK310-6780-1-02	4	Vendor
8	Screw	MDN 301	CK310-6780-2	12	Vendor
9	Bush	AISI321	CK310-6780-3	8	Vendor
10	Bush	AISI321	CK310-6780-3-01	8	Vendor
11	Bush	AISI321	CK310-6780-3-02	4	Vendor
12	Washer GOST 10450-78	Aluminium	ID- 13mm, OD- 20mm, t- 1.5mm	24	Vendor
O-Rings, OST B38.052-80					
			ID (mm)	c/s dia (mm)	
13	O-Ring	NBR	26 _{-0.8} ^{-0.1}	2.5±0.1	16 Vendor
14	O-Ring	NBR	30 _{-0.8} ^{-0.1}	2.5±0.1	20 Vendor
15	O-Ring	NBR	65 _{-2.1} ^{-0.3}	3.0 _{-0.1} ^{+0.2}	8 Vendor
16	O-Ring	NBR	90 _{-2.7} ^{-0.4}	3.5 _{-0.1} ^{+0.2}	8 Vendor



Amresh Paul
(SE), P

Anshu
SSE (P)

Purna
ABHISHEK DUTTA
SM (Q)

Chandrasekhar
SSE (P)