



BrahMos
An India-Russia Joint Venture

BrahMos Aerospace Private Limited

BrahMos Complex, VPO Dulania, Pilani-Loharu Highway,
Pilani, Jhunjhunu, Rajasthan – 333031, INDIA,
Email: bapilani@brahmos.com

RFQ No: BMP/BWIC/Garages & Repair Bay/Crane-PIL/2025, Dated: 28 Oct 2025

REQUEST FOR SUBMISSION OF TECHNO-COMMERCIAL & PRICE BID FOR DESIGNING, MANUFACTURING, SUPPLYING, ERECTION, TESTING & COMMISSIONING OF 10T GANTRY CRANE

Dear Sir/ Madam,

1. BrahMos Aerospace Private Limited, hereinafter referred to as **Buyer**, intends to Procure **10T Double girder Gantry Crane** and seek participation of the procurement process from prospective Bidders subject to requirements of succeeding paragraphs.
2. This RFP is divided into 7 Parts as follows:
 - PART I: General Information & Instructions for the Bidders
 - PART II: Scope of Work
 - PART III: Evaluation Criteria of Bids
 - PART IV: Special Terms & Conditions of RFP
 - PART V: Standard Terms & Conditions of RFP
 - PART VI: Format for Price Bids
 - PART VII: Compliance Statement
3. This RFP is neither an agreement and nor an offer by Buyer to the prospective Bidders or any other person. The purpose of this RFP is to provide interested parties with information that may be useful to them in submitting their proposals pursuant to this RFP. This RFP includes statements, which reflect various assumptions and assessments arrived at by Buyer in relation to the Project. This RFP document and any assumptions, assessments and statements made herein do not purport to contain all the information that each Bidder may require. The Bidder shall bear all its costs associated with or relating to the preparation and submission of proposal pursuant to this RFP. Wherever necessary, Buyer reserves the right to amend or supplement the information, assessment or assumptions contained in this RFP. Buyer reserves the right to withdraw the RFP or foreclose the procurement case at any stage. The issuance of this RFP does not imply that Buyer is bound to shortlist a Bidder for the Project. Buyer also reserves the right to disqualify any Bidder should it be so necessary at any stage on grounds of National Security.
4. The receipt of the RFP may please be acknowledged.

Thanking you

For BrahMos Aerospace Private Limited



Authorised Signatory

Head Office: 16, Carriappa Marg, Kirby Place, Delhi Cantt – 110 010, India. Ph.: 011 33 123 000;
Fax: 011 2568 4827. Website: www.brahmos.com

CIN: U74899DL1995PTC074334

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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:	Abhishek Jain, AGM(Pilani) Kind attention: Rahul Aggarwal, SM (P)
Postal Address for sending the bids	BrahMos Aerospace, VPO Dulanja, Pilani, Jhunjhunu, Rajasthan-333031
Contact No. & Email	Mobile: 01596-256226 Email: baplpilani@brahmos.com

(b) **LAST DATE AND TIME FOR DEPOSITING THE BIDS:** The sealed Bids under TWO-BID SYSTEM (i.e. (A) TECHNO-COMMERCIAL BID & (B) PRICE BID IN TWO SEPARATE SEALED ENVELOPES) should reach at the above given address through post/in person latest by **30 Nov 2025**. 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 will be considered as 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. The Techno-Commercial and the Price Bids should be put in two separate envelopes and then be put in a single envelope 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 & Price bid, clarifications regarding the be obtained from **Mr. Rahul Aggarwal, Systems Manager-Production, Contact Details: +91-01596256261** within 07 working days from the date of RFQ.

(ii) Un-willingness of the Bidder to participate in Bid may be communicated to Addnl. Director, Pilani at baplpilani@brahmos.com within 07 working days of receipt 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.



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(g) VALIDITY OF BIDS: The Bids should remain valid till **06 months** from the last date of submission of the Bids.

PART-II: SCOPE OF WORK

1. Design, manufacture, supply, erection, testing and commissioning of 10T Double Girder Gantry Crane as per ISO 807 & IS:3177 standards with pendant controlled operations including Long Travel (LT) rails and cable drag chain system. This includes:
 - Procurement of all the raw materials & components
 - GA Drawings, CAD Drawings & validation, manufacturing & testing of sub-systems after final assembly.
 - Delivery, installation, commissioning, testing and demonstration by the vendor at BrahMos Pilani.
 - The bidder shall provide a comprehensive warranty period of 24 months from the date of erection/commissioning OR 36 months from the date of supply of material, whichever occurs earlier.
 - Certificates of all the materials and chemical compositions for the same.
2. Detailed scope of work/ Technical details is placed at **Enclosure-I**

PART-III: EVALUATION CRITERIA OF BIDS

6. 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 of this RFP and give written 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 Techno-Commercial 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.
7. 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 given in this Appendix, 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. The Bidder, if required, may also be called for the TCEC meeting for clarification on the Techno-Commercial Bid submitted by them.
9. **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



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Bidders by the Buyer on request by the Bidders. The Price Bids will be evaluated on the basis of 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.

10. PROCEDURE FOR COST COMPARISON:

(a) The financial bids of the qualified bidders will be compared on the basis of price quoted in the price bid format of the RFP/Bid document.

(b) The financial comparison should be considered on the basis of FOR BAPL, Lucknow prices excluding statutory levies, taxes and duties payable on final product.

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. BANK GUARANTEE FOR PERFORMANCE: A BG from an Indian nationalized bank OR Axis/HDFC/ICICI/Kotak Bank for 10% of the P.O value valid up to the entire delivery period plus claim period of 03 (Three) months is to be submitted on receipt of Purchase Order.

12. OPTION CLAUSE: Not Applicable.

13. REPEAT ORDER CLAUSE: Not applicable.

14. TOLERANCE CLAUSE: Not applicable.

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



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16. **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.
17. **PERMISSIBLE TIME FRAME FOR SUBMISSION OF INVOICE:** To claim payment (part or full), the Seller shall submit the bill(s) along with the relevant documents within 30 days from the completion of the activity/ supply.
18. **PAYMENT TERMS:** 100% on receipt and acceptance of items FOR BAPL, Pilani against Bank Guarantee for warranty valid for warranty period + 03 months claim period. Balance 10% on commissioning on site against Work Completion Certificate by BAPL, Pilani.
19. **INVOICE PREPARATION:** All original documents for payments including invoices are to be raised on and submitted to the BAPL, Pilani. GSTIN No. for the unit is 08AABCR8269E1Z5 and the same shall be mentioned in all invoices as applicable.
20. **EXCHANGE RATE VARIATION CLAUSE:** Not applicable
21. **PRICE BENCHMARKING CLAUSE:** Not applicable
22. **BUY-BACK:** Not applicable.
23. **FREE ISSUE MATERIAL:** Not applicable
24. **TERMS OF DELIVERY/ DELIVERY PERIOD:** FOR BrahMos Aerospace Facility, Pilani. All items to be delivered and commissioned at BAPL, Pilani by **31 March 2026**.
25. **TRANSPORTATION & TRANSIT INSURANCE:** The equipment(s) / material(s) will be packed, loaded onto transportation vehicle(s) as per the classification of category & class of goods and transported to BAPL, Pilani. Necessary transportation & transit insurance to the destination shall be the responsibility of Seller.
26. **PACKING AND MARKING INSTRUCTIONS:** The Seller shall provide packing and preservation of the equipment and spares/goods contracted so as to ensure their safety against damage in the conditions of land, sea and air transportation, transshipment, storage and weather hazards during transportation, subject to proper cargo handling. The Seller shall ensure that the stores are packed in containers, which are made sufficiently strong. The packing cases should have provisions for lifting by crane/ forklift truck. Tags with proper marking shall be fastened to the special equipment, which cannot be packed. The packing of the equipment and spares/goods shall conform to the requirements of specifications and standards in force in the territory of the Seller's country.
 - (a) Item Code, Item Description along with other technical details as applicable are to be marked/ engraved on items being delivered by the Suppliers.
 - (b) Items being delivered should be packed in good quality wood and transport worthy packing conditions for ease of handling and storage.
 - (c) One type of items should be packed in one box for ease of receipt, storage and issue.



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- **QUALITY & INSPECTION CLAUSE:**

(a) **YEAR OF PRODUCTION:** The items should be of the latest manufacture and conform to the current production standards.

(b) **QUALITY:** The quality of the items shall correspond to the technical conditions and standards enumerated in the RFP.

(c) **INSPECTION & ACCEPTANCE:** Inspection at production/acceptance stage will be carried out by Buyer's representatives. The Inspection Agency or their nominated agency shall have the right to conduct quality trials during the production/ acceptance of the items or at any later stage. Stores rejected will be collected and replaced by the Seller at his own cost.

(d) **TESTING:** Carrying out all the tests as specified in the Technical Specification/ shall be the responsibility of the Seller.

- **WARRANTY:** The Seller will declare that the stores supplied 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. The Seller will guarantee that the said goods/ stores would continue to conform to the description and. The bidder shall provide a comprehensive warranty period of 24 months from the date of erection/commissioning OR 36 months from the date of supply of material, whichever occurs earlier. If during the aforesaid period, the said goods/ stores are discovered not to conform to the description and quality aforesaid, not giving satisfactory performance or have deteriorated, the Buyer shall be entitled to call upon the Seller to rectify the goods/ stores/ articles or such portion thereof as is found to be defective by the Buyer within a reasonable period without any financial implication to the Buyer. In cases of procurement of software, Seller shall issue/provide upgrades of the software free of cost during the warranty period.

(For detail Warranty terms and conditions, see Enclosure 1, point number 9)

- **PRODUCT SUPPORT & AMC:** The Seller agrees to provide product support for the stores, assemblies/ subassemblies, fitment items, spares and consumables, Special Maintenance Tools (SMT)/Special Test Equipment (STE) for a minimum period of 15 years including 02 years of warranty period after the delivery. In the event of any obsolescence during the said period of product support in respect of any component or sub-system, mutual consultation between the Seller and Buyer will be undertaken to arrive at an acceptable solution including additional cost, if any.

ANNUAL MAINTENANCE CONTRACT (AMC): Not applicable

30. **TECHNICAL DOCUMENTATION:** 01 Set each of finalized Documents for each item/equipment in soft & hard copies will be provided along with the first item/equipment of each type. The draft documents will also be submitted 01 months in advance for pre vetting by Buyer. The improvements/changes suggested by Buyer will be duly incorporated and the final copies will be made.



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- 31. SUPPORT DURING JOINT RECEIPT INSPECTION (JRI):** The Seller shall carry out periodic maintenance during warranty period as per maintenance schedule provided in user manual/driver's manual. The Seller must provide the list of such items to be utilized for maintenance during the integration of mounted equipment at Buyer/its vendor's premises, prior to delivery to end user.
- 32. PROGRESS REVIEW COMMITTEE (PRC):** Not applicable
- 33. MODIFICATIONS (CHANGE IN SCOPE OF WORK), 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.
- 34. 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.
- 35. RISK AND EXPENSE PURCHASE:** In case Seller fails to honour 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.

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.

- 36. EFFECTIVE DATE OF THE CONTRACT:** Date of placement of order will be considered as the Contract Effective Date. The performance of the Contract shall commence from the Effective Date of the Contract/Supply Order.



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37. **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.
38. **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.
39. **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.
40. **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 or otherwise in procuring the Contract or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of the Contract or any other contract with the Government of India for showing or forbearing to show favour or disfavour to any person in relation to the Contract or any other contract with the Government of India. Any breach of the aforesaid undertaking by the Seller or anyone employed by him or acting on his behalf (whether with or without the knowledge of the Seller) or the commission of any offers by the Seller or anyone 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, 1986 or any other Act enacted for the prevention of corruption shall entitle the Buyer 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. A decision of the Buyer or his nominee to the effect that a breach of the undertaking had been committed shall be final and binding on the Seller. 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 Buyer or to any other person in a position to influence any officer/ employee of the Buyer for showing any favour in relation to this or any other contract, shall render the Seller to such liability/ penalty as the Buyer may deem proper, including but not limited to termination of the contract, imposition of penal damages, forfeiture of the Bank Guarantee and refund of the amounts paid by the Buyer.
41. **ACCESS TO BOOKS OF ACCOUNTS:** In case it is found to the satisfaction of the Buyer that the Bidder/ Seller has violated the provisions of use of undue influence and/ or employment of agent to obtain the Contract, the Bidder/ Seller, on a specific request of the Buyer, shall provide necessary information/ inspection to the relevant financial documents/ information/ Books of Accounts.
42. **AGENTS / AGENCY COMMISSION:** The Seller confirms and declares to the Buyer that the Seller has not engaged any individual or firm, whether Indian or foreign



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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 the award of the contract to the Seller; nor has any amount been paid, promised or intended to be paid to any such individual or firm in respect of any such intercession, facilitation or recommendation. The Seller agrees that if it is established at any time to the satisfaction of the Buyer that the present declaration is in any way incorrect or if at a later stage it is discovered by the Buyer 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 person, party, firm or institution, whether before or after the signing of this contract, the Seller will be liable to refund that amount to the Buyer. The Seller will also be debarred from entering into any contract with the Government of India for a minimum period of five years. The Buyer 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 an event be liable to refund all payments made by the Buyer in terms of the Contract along with interest at the rate of 2% per annum above (i) Prime Lending Rate of State Bank of India for Indian bidders, and (ii) London Inter Bank Offered Rate (LIBOR) for the foreign bidders. The applicable rates on the date of opening of tender shall be considered for this. The Buyer will also have the right to recover any such amount from any contracts in vogue with the Government of India.

43. **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.
44. **FORCE MAJEURE CLAUSE:** Should any Force Majeure circumstances arise, each of the contracting party shall be excused from 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.
45. **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 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 order value (inclusive of taxes and duty) of the Contract.



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46. **TERMINATION OF CONTRACT:** The Buyer shall have the right to terminate the Contract in part or in full if the store/service is not received/rendered as per the contracted schedule(s) and the same has not been extended by the Buyer.
47. **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.
48. **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.
49. **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.
50. **CURRENT MANUFACTURE:** The equipment supplied will be of latest manufacture and will confirm to current production standards including the specified material and its equivalent.
51. **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 also 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.
52. **SECRECY:** Any information of classified nature obtained, acquired during the manufacture, test and trails 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.





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- 53. 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 any 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 any or all of the rights mentioned above.
- 54. 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 Seller shall be released by the Buyer only after it appears in the Buyer's GST Input Credit Register of GSTIN Online Portal.
- 55. 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.
- 56. 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.
- 57. DOCUMENTS TO BE FURNISHED FOR CLAIMING PAYMENT:**
- (a) The payment of bills will be made on submission of the following documents by the Seller to the Buyer:
- Ink-signed copy of Invoice.
 - Performance Warranty Bond/ Indemnity Bond, if applicable.
 - 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).
 - Copy of the Purchase Order and amendments thereon, if any.
 - Any other document/ certificate that may be provided for in the Contract.



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(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.

59. 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.

60. 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 said 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.

61. NON-DISCLOSURE: The Bidding documents, including this RFT 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



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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 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.

62. **ACCESS TO CLASSIFIED DOCUMENTS/ SYSTEMS:** The Seller will be allowed to access pertinent classified details/documentation in the interest of execution of task. Association of the Seller will be desirable for effective rectification of design defects, if any, during trials of systems/ sub-systems, being developed as part of the contract. In all such cases, the Seller and his employees, connected with the assigned task, will be subject to the provisions contained in the Indian Official Secrets Act and required to render certificate to that effect.
63. **ACQUIRING MANUFACTURING DRAWINGS AND ASSOCIATED HARDWARE:** The manufacturing drawings & other documents prepared during the development phase shall be the property of the Buyer and will be handed over to Buyer whenever required. Further, these will also not be used by the Seller for any purpose other than stated in the contract, without the written consent of Buyer. All dies/ tools/die sets/ jigs/ fixtures/ moulds fabricated under the contract which are charged separately will be returned to Buyer unless specified otherwise in the contract.
64. **RETURN OF DOCUMENTS:** Documents, specifications, drawings, CD in encrypted format issued to Seller or prepared by them are "RESTRICTED" in nature and property of Buyer. In the interest of National Security these will be returned in as issued condition without any duplication and / or photocopying. A certificate to the effect that required documents have been received in Buyer would be furnished by the Project Team. Any loss or damage to these documents shall be recovered from the Seller.
65. **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.
66. **UNDERTAKING BY BIDDERS:** The Bidder will submit an undertaking that they are currently not banned/ debarred / suspended from doing business dealings with Government of India / any other government organization and that there is no investigation going on by MoD against them. In case of ever having been banned / debarred / suspended / suspended from doing business dealings with MoD/any other government organization, in the past, the Bidder will furnish details of such ban/ debarment along with copy of government letter under which this ban / debarment/ suspension was lifted / revoked. The Bidder shall also declare that their sub-contractor(s)/Seller(s)/technology partner(s) are not Suspended or Debarred by Ministry



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of Defence. In case the sub-contractor(s)/Seller(s)/ technology partner(s) of the Bidder are Suspended or Debarred by Ministry of Defence, the Bidder shall indicate the same with justification for participation of such sub-contractor(s)/ Seller(s)/ technology partner(s) in the procurement case. Subsequent to submission of bids if any sub-contractor(s)/Seller(s)/ technology partner(s) of the Bidder is Suspended or Debarred by Ministry of Defence, the Bidder shall intimate the Ministry of Defence regarding Suspension or Debarment of its sub-contractor(s)/ Seller(s)/ technology partner(s) within two weeks of such order being made public.

67. 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.

68. PATENT RIGHTS: The Bidder should confirm that there are no infringements of any Patent Rights in accordance with the laws prevailing in their respective countries.

69. RECORD OF QUALITY RELATED DOCUMENTS: To be maintained for a minimum period of 15 yrs.

70. AUDIT OF STORES: All products and records are subjected to audit by Brahmos Aerospace at any juncture during production at Seller's premises or after receipt at BrahMos Aerospace, Pilani.



BrahMos Aerospace Private Limited
An India-Russia Joint Venture

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PART-VI: FORMAT FOR PRICE BID

Sl. No.	Description	Qty.	Unit Cost	Total Cost	Rate of GST	Total Cost (incl. GST)	Remarks
A	Cost of Basic Item/Service . Full break-up details may be given.						
B	Cost of Installation/ Commissioning/ Integration (Where applicable)						
C	Cost of Buyer Nominated Equipment (if applicable)						
D	Cost of Transfer of Technology (Where applicable).						
E	Cost of Manufacturer's Recommended List of Spares						
F	Cost of Special Maintenance Tools and Special Test Equipment						
G	Cost of Operator's Manual and Technical Literature (in English Language) including ISPL						
H	Cost of Training Aids recommended by the supplier						
I	Cost of recommended period of Training						
J	Any other cost (to be specified e.g labour cost).						
K	Freight and Transit Insurance Cost (where applicable).						
L	AMC/CMC Cost giving year-wise break-up (where applicable).						
M	Total Cost (Total of Serial A to L)	This will be used in determining L-1 Supplier					
N	Foreign Exchange component of the proposal (for Indian Suppliers only)						



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PART-VII: 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
	PART-VII	COMPLIANCE STATEMENT	
	Sl. No. of Clause as per RFP	Terms & Conditions as per RFP	Complied (Yes / No) If No, give details

- The Bidder shall submit a Clause-by-Clause Compliance Statement as per the above format. There should be no discrepancy between the details mentioned in the Techno-Commercial 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.
- **DEVIATIONS if any from the RFP Technical Terms and Commercial Terms need to be brought out clearly as per below format: -**

DEVIATION LIST (From RFP Scope/Technical and Commercial Conditions)			
RFP Part No Para No.	RFP requirements	Deviation	Reason/Justification (if any)
Technical Deviation			
Commercial Deviation			



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(Enclosure "1")

REQUEST FOR PROPOSAL (RFP)

Design, Manufacture, Supply, Erection, Testing and Commissioning of 10T Double Girder Gantry Crane

1. PROJECT OVERVIEW

Project Title: Supply of 10 Ton Double Girder Gantry Crane with Complete Installation and Commissioning

Scope of Work: Design, manufacture, supply, erection, testing and commissioning of 10T Double Girder Gantry Crane as per ISO 807 & IS:3177 standards with pendant controlled operations including Long Travel (LT) rails and cable drag chain system.

2. TECHNICAL SPECIFICATIONS

2.1 Basic Parameters

2.1.1 Crane Type: Double Girder Gantry Crane

- **Capacity:** 10 T (Safe Working Load)
- **Span:** 10.0 meters
- **Height of Lift:** 3.8 meters
- **Bay Length:** 22.2 meters
- **Control System:** Pendant Controlled Operations

2.2 Speed Requirements

- **Hoist Speed:** 2.5 m/min (selectable range acceptable)
- **Cross Travel (CT) Speed:** 6.0 m/min
- **Long Travel (LT) Speed:** 6.0 m/min

2.3 Standard Compliance

The crane shall be designed, manufactured, and tested in accordance with:

- **ISO 807 - Cranes - Vocabulary**
- **IS:3177 - Code of Practice for Electric Overhead Travelling Cranes and Gantry Cranes (Underhung and Top Running Types)**
- All applicable Indian Standards for electrical and mechanical components
- Relevant safety standards and regulations



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3. MATERIAL AND QUALITY ASSURANCE

All materials used in the fabrication of the crane, its components, and ancillary systems must be of high quality and certified as per the latest revisions of the IS and ISO standards. The successful bidder shall submit comprehensive material certificates, test reports, and quality assurance documentation for review and approval.

3.1 Crane Girders and Structure:

- The main girders, end carriages, and all structural components shall be fabricated from steel conforming to IS 2062 (Steel for General Structural Purposes) or an equivalent international standard with confirmed mechanical properties suitable for the intended application.
- Welding of all structural members shall be performed by certified welders in accordance with IS 817 (Code of Practice for Training and Testing of Metal Arc Welders) and IS 9595 (Recommendations for Metal Arc Welding of Carbon Manganese Steels). All welds shall be subject to non-destructive testing (NDT) to ensure structural integrity.

3.2 Hoisting Mechanism (Hoist and Trolley):

- Rope Drum: The rope drum shall be manufactured from seamless pipe or plate steel conforming to IS 2062 or equivalent, with proper grooving to ensure smooth rope winding.
- Rope: The hoisting rope shall be a steel wire rope of an approved grade, conforming to IS 2266 (Steel Wire Ropes for General Engineering Purposes).
- Hooks: The crane hook block shall be forged from steel conforming to IS 3815 (Forged Steel Hooks for General Engineering Purposes).
- Gears: All gears used in the hoisting and travel mechanisms shall be made of forged or cast steel and heat-treated to achieve the requisite hardness and durability as per IS: 3756 (Tolerances for Gears).

3.3 Electrical System:

- Motors: All induction motors for the hoist, CT, and LT motions must be flameproof and certified for use in hazardous areas as per IS/IEC 60079 (Explosive Atmospheres). The motors shall be of a suitable enclosure and insulation class (e.g., IP65, Class F insulation) to withstand the specified duty cycle.
- Brakes: The crane shall be equipped with reliable electromagnetic or electro-hydraulic brakes on the hoist and travel motions, designed to meet the safety requirements of IS: 3177.
- Control Panel: The control panel enclosure shall be flameproof and certified for hazardous environments as per IS/IEC 60079. All wiring and cables shall conform to relevant IS and IEC standards for hazardous area installations.



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3.4 Safety Features

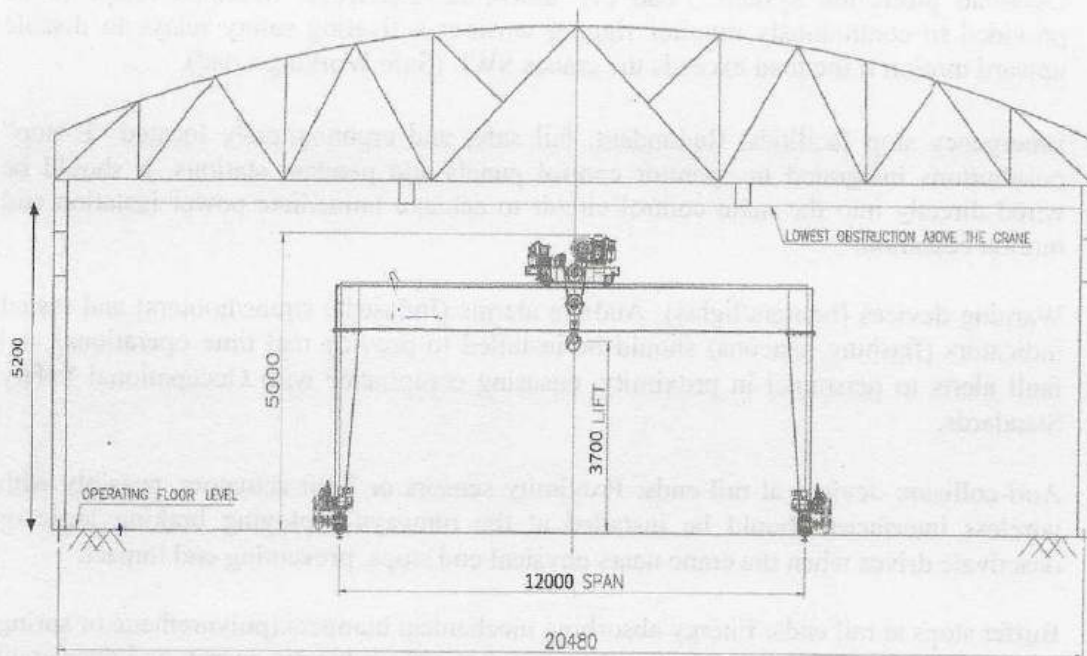
- Upper and lower limit switches for hoist: Electro-mechanical safety interlocks should be provided with provision of automatically terminate hoisting or lowering motion when the hook block reaches predefined upper or lower terminal positions, thereby preventing over-travel and potential mechanical failure or load drop situations.
- Travel limit switches for CT and LT motions: Cross Travel (CT) and long travel (LT) limit switches to be provided for restricting crane movement within the safe operational boundaries of the girder length, acting as end of travel protection.
- Overload protection system: Load cell assemblies/Electronic overload relays to be provided to continuously monitor rigging tensions-activating safety relays to disable upward motion if the load exceeds the cranes SWL (Safe Working Load).
- Emergency stop facilities: Redundant, fail safe, and ergonomically located "E-stop" pushbuttons integrated in operator control panels and pendant stations, it should be wired directly into the main control circuit to achieve immediate power isolation and motion cessation.
- Warning devices (hooters/lights): Audible alarms (Industrial sirens/hooters) and visual indicators (flashing beacons) should be installed to provide real time operational and fault alerts to personnel in proximity, ensuring compliance with Occupational Safety Standards.
- Anti-collision devices at rail ends: Proximity sensors or limit actuators, possibly with wireless interfaces, should be installed at the runways deploying braking logic or deactivate drives when the crane nears physical end stops, preventing end impact.
- Buffer stops at rail ends: Energy absorbing mechanical bumpers (polyurethane or spring type) should be installed at runway extremities to absorb kinetic energy and decelerate the crane carriages upon unintended travel overshoot, protecting crane infrastructure.



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3.5 Crane Layout installation with current infra restrictions:

- Distance between Lowest Obstruction above the crane and the floor is 5200mm.
- The lift of the crane should be minimum of 3700mm.
- The span of operation is 10000mm.
- Overall width of facility is approx. 20,480mm.
- Length of travel (Rail length) is approx. 25, 000mm.



NOTE:
1. All the dimensions are in mm
2. Drawing is for reference purpose only

CLEARANCE DIAGRAM



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4. SCOPE OF SUPPLY

4.1 Supplier's Scope of work

- Complete crane structure (main girders, end carriages, cross girders): Fabrication and assembly of heavy-duty girders, end carriages, and cross girders as per FEA and code requirements for design loads, fatigue cycles and seismic considerations.
- Hoist mechanism with all components: Comprehensive supply of motorized hoisting units, gearboxes, wire ropes, sheaves, load hooks, drum assemblies, and braking systems, engineered for smooth and reliable operations.
- All electrical equipment and control systems: Provision of power distribution panels, drives, programmable logic controllers (PLC's), control wiring, and interface devices that comply with IEC/IEEE standards for industrial operationalization.
- Long Travel rails with appropriate specifications: Sourcing and installation of heavy rail sections with specified metallurgy, hardness, and geometry to ensure durability under cyclic loading and proper alignment for precision travel.
- Cable drags chain system: Engineered cable management system using strigulated drag chains to organize, protect and guide flexible power and control cables, minimizing risk of cable fatigue.
- All necessary hardware, fasteners, and accessories: Supply of high tensile bolts, lock nuts, alignment shims and installation aids as per ISO or ASTM standards, Bolts of UnBrako or equivalent with proper grades should be supplied and installed.
- General Assembly (GA) drawings and detailed drawings: Preparation of comprehensive CAD drawings, including General Arrangement, subassemblies, load paths and integration details for review and approval before manufacture.
- Operation and maintenance manuals: Full technical documentation outlining operational controls, troubleshooting procedures, logbooks for preventive maintenance schedules and disassembly, reassembly instructions for lifecycle management.
- Spare parts list and recommended spares: Itemized listing with manufacturer's part numbers, lead times and recommended holding quantities for critical wear components.
- Erection, testing, and commissioning services: Entire process including on-site mechanical assembly, alignment checks, electric installation, pre-commissioning inspections, and performance validation trails as per the SOP.
- Training for operating and maintenance personnel: Structured theoretical and practical training modules covering crane operation, routine maintenance, troubleshooting and emergency protocols.



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4.2 User's Scope of assistance

- Civil works including crane runway preparation: Site development and construction of reinforced concrete or embedded rail beams as per foundation drawings, ensuring geometric accuracy and load bearing capacity.
- Foundation supports for LT rails based on supplier's GA drawings: Assistance in levelling and alignment of support foundations based on supplier's requirement if any, anchor bolts setting & grouting provisions to be provided based upon existing structure.
- Grouting works as per supplier's specifications: Assistance in grouting work, non-shrink, high strength grouting material should be provided by the supplier & anchor bolts, ensuring vibration dampening and positional stability under cyclic loading has to be ensured by the supplier.
- Electrical power supply for crane operation: Provisioning & routing of requisite power feeders and isolators from site mains board to crane control panels, sized appropriately for starting currents and voltage drops.
- Test loads for load testing and commissioning: Calibrated Dead loads are available at the site and will be provided for Load testing of structure as per SOP.
- Power supply during erection and testing phases: Temporary electric connections for use during on-site assembly, pre commissioning and functional testing stages.
- Site preparation and access arrangements: Ensuring clear working space, unobstructed pathways, lifting access through forklifts and safe storage will be ensured.



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5. TECHNICAL DOCUMENTATION REQUIREMENTS

5.1 Pre-Award Documentation

- Detailed technical proposal: Submission of design narratives, calculations with reference to ISO or IEC standards, proposing solutions for compliance with performance specifications.
- General Assembly drawings: Layouts showing principle sub-assemblies, location of key components, cable routing, and operator access for review and client approval.
- Foundation layout and loading diagrams of all the subassemblies: Comprehensive civil interface drawings detailing subassembly loads, anchor locations and reaction forces for structural verification.
- Electrical schematic diagrams: Control and Power wiring diagrams indicating circuit positions, interlocks, and fail safes in compliance with electric standards.
- Material specifications: Documentation validating conformance for main steelwork, hoisting ropes, brakes, electricals, etc. This should include chemical and mechanical properties in compliance with the applicable codes.
- Compliance certificates for standards mentioned: Documentation from notified bodies or testing agencies confirming adherence to statutory and industrial standards as listed in the RFP.

5.2 Post-Award Documentation

- **Approved shop drawings:** Final, Fabricated-ready detailed drawings intended for workshop execution, incorporating all corrections and approvals.
- **Material test certificates:** Third party test results for traceability and validation of all supplied material critical to structural or operational integrity.
- **Quality control documentation:** Records of inspection, non-conformance logs and corrective actions Implemented during fabrication & assembly.
- **Installation drawings and procedures:** Stepwise guides outlining assembly sequence, torque specifications and verification checklists for field crews.
- **Commissioning test reports:** Signed test forms recording all commissioning checks, adjustments and acceptance test details for client records.
- **As-built drawings:** CAD drawings, revised to reflect the final, installed dimensions and configuration at the completion of the project.
- **Operation and maintenance manuals:** Full Lifecycle documentation refined after commissioning tailored to match as built and operational enhancements.



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6. TESTING AND COMMISSIONING

6.1 Factory Testing

- The crane assembly shall be subjected to a load assessment at 125% of the nominal rated capacity, ensuring structural and operational integrity under overload conditions.
- Comprehensive functional assessments shall be executed for all movement axes and mechanical operations to verify compliance with design specifications and to identify potential malfunctions.
- Electrical Systems shall undergo rigorous validation, including insulation resistance, earth continuity and panel operational tests in accordance with IEC/IS standards.
- All integrated safety devices such as overload limiter and emergency shutoffs and redundant channels shall be functionally vetted to ensure fail-safe operations.
- Exhaustive records of all factory test results, inclusive of load charts and calibration reports, must be systematically documented and submitted for review.

6.2 Site Testing

- **Re-assembly verification:** Post transport the crane shall be meticulously reassembled and verified against original assembly tolerances.
- **Load Testing:** Load endurance testing will be performed utilizing user-supplied reference weights to substantiate field performance claims.
- **Operational testing of all functions:** An operational audit will be executed on all installed systems to assure full compliance with functional requirements under simulated working conditions.
- **Safety system verification:** Integrity checks on all installed safety mechanisms must be conducted in the field environment.
- **Performance benchmarks**-such as travel speeds, lifting lowering cycles, and control response times-are to be empirically validated.
- **Final acceptance testing:** A final acceptance protocol involving holistic system demonstration and sign off by the user representative shall conclude commissioning.



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7. QUALITY ASSURANCE

7.1 Manufacturing Standards

- The fabrication if of ISO certified will be prioritised, substantiating its adherence to globally recognized quality management protocols.
- All welding activities shall strictly conform to AWS D1.1 or equivalent codes, ensuring metallurgical soundness and structural consistency.
- Non-Destructive Testing (NDT) techniques such as ultrasonic, radiographic or magnetic particle inspection shall be mandated for all critical weld joints.
- Material traceability protocols shall be in place, including certificates of conformity and heat treatment records, to ensure complete lifecycle traceability from raw material acquisition to finished product.
- Quality control during manufacturing, real time quality surveillance shall be exercised throughout the manufacturing cycle, with phase wise inspection documentation maintained.

7.2 Inspection Rights

- The end user retains the inalienable right to conduct surveillance inspections at any stage of manufacture, providing assurance of process transparency.
- Where applicable, recognized third party agencies may be engaged to render impartial inspections services and deliver compliance certificated.
- Pre-dispatch inspection and approval regimen must be observed, encompassing both dimensional conformance and functional validation before shipment.



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8. DELIVERY AND INSTALLATION

8.1 Delivery Schedule

- The contractor is obliged to provide an explicit timeline for manufacture and delivery, including critical milestones and contingencies to be specified contractually.
- Should phased delivery be required, the supplier must furnish a detailed breakdown, ensuring uninterrupted site progress.
- Logistical arrangement, including secure transportation to the designated site (Pilani, Jhunjhunu, Rajasthan-333031), shall be encompassed within the supplier's responsibility, adhering to regulatory and safety mandates.

8.2 Installation Schedule

- Installation operations must be synchronized with project stakeholders to minimize site interface disruptions and ensure readiness of supporting infrastructure.
- Installation manpower shall meet pre-qualification standards, substantiated by credentials and relevant experience records.
- The supplier is responsible for provisioning all requisite resources for installation-excluding site provided utilities-thereby ensuring self-sufficiency.
- The end user reserves the prerogative to conduct validation checks at any stage of the installation process, integrating these as formal inspection milestones.





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9. WARRANTY AND GUARANTEE

9.1 Warranty Period

- The bidder shall provide a comprehensive warranty period of 24 months from the date of erection/commissioning OR 36 months from the date of supply of material, whichever occurs earlier.
- This warranty period shall commence upon successful completion of installation, testing, and commissioning of the equipment/system, or from the date of material delivery to the site, with the earlier date taking precedence. The bidder must clearly specify the commencement date of warranty in the final documentation.

9.2 Warranty Coverage

- The warranty shall be comprehensive and shall include, but not limited to the following:
- **Manufacturing defects:** The bidder warrants that the supplied equipment, materials and components shall be free from any defects in design, material, workmanship, and manufacturing. Any defects arising from manufacturing processes, substandard materials or design flaws shall be rectified or replaced at no additional cost of the buyer.
- **Premature failure of components:** All components, assemblies and systems shall be covered against premature failure during the warranty period. This includes failure due to normal wear and tear, provided the equipment has been operated within specified parameters and maintained as per manufacturer's guidelines. The bidder shall replace, or repair failed components expeditiously to minimize operational downtime.
- **Performance guarantee as per specifications:** The bidder guarantees that the supplied equipment shall perform in accordance with the technical specifications, performance parameters, and acceptance criteria outlined in this RFP throughout the warranty period. Any deviation from specified performance standards shall be addressed through rectification, repair, or replacement at the Bidder's expense. Performance testing may be conducted at the Buyer's discretion to verify compliance.



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- Free replacement/repair during warranty period: All repairs, replacements, adjustments and corrective actions required during the warranty period shall be carried out free of charge, including:
 - i. Cost of defective parts and replacement components.
 - ii. Labor charges for repair and replacement activities.
 - iii. Transportation & Logistics costs for parts and service personnel.
 - iv. Testing and commissioning after repair/replacement.
 - v. No charges shall be levied for service visits, diagnostics & troubleshooting.
 - vi. On-site service support during warranty: The bidder shall provide prompt on-site service support throughout the warranty period, including:
 - Response time: Within 24 Hours of defect/failure.
 - Resolution time: Complete rectification within 7 days of issue reporting or based upon the type of rectification/defect.
 - Availability of qualified service engineers and technicians.
 - Provision of specialized tools, equipment and diagnostic instruments.
 - Comprehensive documentation of all service interventions.
 - 24/7 helpdesk support for emergency situations.



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10. PROPOSAL SUBMISSION REQUIREMENTS

Proposals must be comprehensive and include, it should be in two parts, one is techno-commercial terms acceptance followed by price bid, following documents is required as a part:

- **Detailed Technical Proposal:** A description of the proposed crane, including specifications, material lists, and compliance with the specified IS and ISO standards, with a specific focus on the flameproof components.
- **General Arrangement (GA) Drawing:** Preliminary drawings showing the layout and dimensions of the crane system, including the LT rails and foundation support requirements.
- **Project Execution Plan:** A detailed schedule outlining the key milestones from design and manufacturing to erection, testing, and commissioning.
- **Quality Assurance Plan:** A document detailing the quality control procedures and inspections that will be performed throughout the project lifecycle.
- **List of Components and Sub-Assemblies:** A complete list of all major components, including hoist, trolleys, girders, and electrical systems, along with their manufacturers and technical specifications and certifications for flameproof operation.

11. EVALUATION CRITERIA

Proposals will be evaluated based on the following criteria:

- **Technical Compliance:** Adherence to all technical specifications and standards outlined in this RFP, particularly the requirement for flameproof components.
- **Experience and Expertise:** The firm's history and proven track record in the design, manufacture, and installation of similar gantry crane systems, especially in hazardous environments.
- **Quality of Materials and Design:** The suitability and quality of the proposed materials and the robustness of the design.
- **Financial Competitiveness:** The overall cost and value proposition presented in the price proposal.
- **Project Timeline:** The feasibility and efficiency of the proposed project execution plan.
- **All inquiries and proposals should be submitted by the specified deadline. The user reserves the right to accept or reject any or all proposals without assigning any reason.**

