



BrahMos Aerospace Private Limited

An India-Russia Joint Venture

Web : www.brahmos.com E-mail : mail@brahmos.com

BMC/OTE/BAPL-P/25-26/FAS

Date: 14 May 25

**INVITATION OF BIDS FOR
PROCUREMENT OF SERVICES TOWARDS SITC OF FIRE ALARM SYSTEM AND
INTEGRATION WITH EXISTING FIRE ALARM SYSTEM AT BRAHMOS COMPLEX PILANI**

REQUEST FOR PROPOSAL (RFP) No. BMC/OTE/BAPL-P/25-26/FAS dt 14 May 2025

1. Bids in sealed cover under **Two-Bid System** are hereby invited by BrahMos Aerospace Pvt Ltd for the procurement of Services towards SITC of Fire Alarm System and integration with existing Fire Alarm System at BrahMos Complex Pilani. The detailed scope of work has been brought out in **Part II of this RFP**.

2. The address and contact numbers for sending Bids is given below:

- | | |
|--|---|
| (a) Bids to be addressed to: | Abhishek Panigrahi AGM (Commercial) |
| (b) Postal address for sending the Bids: | BrahMos Aerospace Pvt. Ltd. 16, Cariappa Marg, Kirby Place, Delhi Cantt, New Delhi-110010 (referred as Buyer) |
| (c) Contact Nos.: | Tel: 011-42285101, 011-42285103 Fax: 011-42285129 Email: contracts@brahmos.com |

3. This RFP is divided into 5 Parts as follows:

- | | |
|------------|--|
| PART I : | General Information |
| PART II : | Essential Details of Items/Services required |
| PART III : | Standard Terms & Conditions of RFP |
| PART IV : | Special Conditions of RFP |
| PART V : | Evaluation Criteria & Price Bid issues |




Abhishek Panigrahi
AGM (Commercial - Production Control)
BrahMos Aerospace

PART I – General Information

4. **Last date and time for depositing the Bids:** The sealed Bids under **Two-Bid system (Techno-Commercial Bid & Price Bid)** should reach at the above given address through post / in person latest by **06 June 2025, 1100 Hrs.** The responsibility to ensure this lies with the Bidder. **Early submission of the Bids is acceptable to the Buyer.**

5. **Manner of depositing the Bids:** Sealed Bids consisting of Techno-Commercial Bid & Price-Bid to be put in a single envelope with the '**Proforma format**', as enclosed, pasted on top, should be dropped in the Tender Box marked as **TENDER BOX NO. 1** so as to reach by the due date and time. Late tenders will not be considered.

6. **Location of the Tender Box:** Tender Box is placed in front of Reception area of BrahMos Aerospace HQ, New Delhi. **Only those Bids that are found in the tender box will be considered and opened.** Bids dropped in the wrong Tender Box will be rendered invalid.

7. **Forwarding of Bids:** Bids forwarded by the Bidder shall also include the following documents along with the technical bid, failing which, bids are liable to be rejected: -

(a) Confirmation of their acceptance of the Standard Terms & Conditions of the RFP mentioned below (refer **Appendix-B**).

(b) An unconditional acceptance of all tender terms and conditions of RFP as per **Appendix –C** to be submitted by BIDDER.

(c) **Past experience.** Past experience Minimum two years' experience out of last three years (i.e. 2022-23, 2023-24 and 2024-25) for Design, Supply, Erection, Testing, and Commissioning of Intelligent Addressable Fire Alarm Systems and subsequent integration with the existing Fire Alarm System. Copies of relevant and authenticated documents (indent/supply orders/contract documents and completion cert from the buyer etc) supporting the same issued by the Department of Central Government/ State Government or Public Sector Unit, where the bidder has successfully completed the delivery.

(d) **Performance Cert.** Past performance certificate issued by Army/Central Paramilitary Forces/Central Govt/State Govt Departments for last three years for Design, Supply, Erection, Testing, and Commissioning of Intelligent Addressable Fire Alarm Systems and subsequent integration with the existing Fire Alarm System for personnel of Army/Central Para Military Forces/Central Govt/State Govt departments must be submitted.

(e) **Annual turnover** Average Annual Turnover of last three financial year duly audited by a licensed Chartered Accountant must be submitted along with the bid documents.

(f) **UDYOG Aadhar No. for MSME.** UDYAM Certificate printed on or after 01 April 2024 to be clearly indicated along with supporting documents for MSME/SME (i.e MSME/SME registration certificate) should be uploaded along with the tender.

(g) Ministry of MSME have clarified that all Central Ministries/Departments/Central Public Sector Undertakings may relax condition of prior turnover and prior experience with respect to Micro and Small Enterprises in all public procurements subject to meeting of quality and technical specifications. Exceptions for MSMEs/ SMEs can be accepted only if the MSME/SME is registered with tendered items and the validity of their registration as MSMEs should not be expired till opening of Tech Bid.



(h) If the tenderer/bidder is a registered firm or a company under Company Act, such tenderer/ bidder must submit a **certified true copy of the registration deed** along with the tender. When a tender is submitted by a firm, all the partners of the firm shall be required to sign the tender else power of attorney in favour of the signatory is required to be submitted along with the tender. A copy of partnership deed will also be submitted along with the tender. **(duly attested by Notary).**

(j) **PAN Card Number** along with clear and legible photocopy **(Self attested)**. (refer Appendix-D).

(k) **Photocopy of GST registration certificate** clearly specifying the name of the firm/proprietor and GST registration number. **Self-attested.** (refer Appendix-D)

(l) The bidder should submit Income Tax Return of last three years. In case of exemption of ITR. The scanned copy of document in support of exemption will have to be uploaded by the bidder along with technical bid, failing which tender is liable to be rejected **(Self attested)**.

(m) **Financial Stability Certificate** issued during current financial year (i.e **01 Apr 2024 onwards**) from Scheduled Bank, preferably Nationalised Bank mentioning the approximate value up to which the tenderer is capable of undertaking the contract.

(n) A **latest Power of Attorney** in original (**not more than two years old**) under oath by Oath Commissioner/First Class Magistrate or equivalent (if the tender is not signed by the actual tenderer or the tender is submitted on behalf of a firm) and signature (s) of the signatory (ies) in the tender **duly attested by a Class – I Gazetted Officer or Class-I Magistrate/Notary.**

(o) All bidders are required to submit **Non-Blacklisting** certificate as per Appendix 'E' attached with the RFP along with technical bid documents. **(Self Attested)**

(p) Other relevant documents, which the Bidder wishes to submit.

8. **Pre-Bid clarification:**

(a) Prior to preparation of the **Techno-Commercial Bid**, clarifications regarding the technical terms & conditions, if any, be obtained from the **Additional Director (Production), BRAHMOS Complex, Pilani** mail: masood@brahmos.com, Mobile: +91 90005 77168 within **07 working days** from the date of RFP.

(b) Prior to preparation of the **Techno-Commercial Bid and Price Bid**, clarifications regarding the commercial terms, if any, be obtained from **HoD (Commercial), New Delhi**, mail: contracts@brahmos.com within **07 working days** from the date of RFP.

The Pre-Bid Meeting is mandatory and will be scheduled between 26-27 May 25. Interested Bidders to forward the interest for participation in the meeting on masood@brahmos.com with a copy to contracts@brahmos.com.

9. **Modification and Withdrawal of Bids:** A bidder may modify or withdraw his bid after submission provided that the written notice of modification or withdrawal is received by the Buyer prior to deadline prescribed for submission of bids. A withdrawal notice may be sent by e-mail but it should be followed by a signed confirmation copy to be sent by post and such signed confirmation should reach the purchaser not later than the deadline for submission of bids. No



bid shall be modified after the deadline for submission of bids. No bid maybe withdrawn in the interval between the deadline for submission of bids and expiration of the period of bid validity specified.

10. **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.**

11. **Rejection of Bids:** Canvassing by the Bidder in any form, unsolicited letter and post-tender correction may invoke summary rejection. Conditional tenders will be rejected.

12. **Validity of Bids:** The Bids should remain valid till **3 months** from the last date of submission of the Bids.

13. **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.



PART II – Essential Details of Items/Services required

14. **Scope of Work**. As per the attached **Appendix-A**. The bidder must visit the site before submitting the technical proposal to analyse, review and plan the activities.
15. **Warranty**: 1 Year from completion of work.
16. **Quality**: The items supplied must of latest manufacture & should conform to current production standards. All manufactured components must be fabricated strictly as per the Scope of Work outlined in the scope of work placed at Appendix-'A'
17. **Inspection Agency**: An Officer from BrahMos Aerospace Private Limited as nominated by Addl Director (Production), BAPL Complex Pilani.



PART III –STANDARD TERMS & CONDITIONS

The Bidder is required to give confirmation of their acceptance of the Standard Terms & Conditions of the RFP mentioned below (refer **Appendix-B**) 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. **Failure to do so may result in rejection of the Bid submitted by the Bidder.**

18. **Law:** The Contract shall be considered and made in accordance with the laws of the Republic of India. The contract shall be governed by and interpreted in accordance with the laws of the Republic of India.

19. **Effective Date of the Contract:** The contract shall come into effect on the date of placement of Purchase Order and shall remain valid until the completion of the obligations of the parties under the contract. The deliveries and supplies shall commence from the effective date of the contract.

20. **Arbitration:** All disputes or differences arising out of or in connection with the Contract shall be settled by bilateral discussions. Any dispute, disagreement or question arising out of or relating to the Contract or relating to construction or performance, which cannot be settled amicably, may be resolved through arbitration.

21. **Penalty for use of Undue influence:** The Seller shall undertake that he has not given, offered or promised to give, directly or indirectly, any gift, consideration, reward, commission, fees, brokerage or inducement to any person in service of the Buyer or otherwise in procuring the Contracts or forbearing to show favour or disfavour to any person in relation to the present Contract or any other Contract with the Buyer. Any breach of the aforesaid undertaking by the Seller or any one employed by him or acting on his behalf (whether with or without the knowledge of the Seller) or the commission of any offers by the Seller or any one employed by him or acting on his behalf, as defined in the Bhartiya Nyaya Sanhita (BNS), 2023 or the Prevention of Corruption Act, 1988 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.

22. **Non-disclosure of Contract documents:** Except with the written consent of the Buyer/Seller, other party shall not disclose the contract or any provision, specification, plan, design, pattern, sample or information thereof to any third party.

23. **Termination of Contract:** The Buyer shall have the right to terminate this Contract in part or in full in any of the following cases:

- (a) The delivery of the material is delayed for causes not attributable to Force Majeure for more than **02 months** after the scheduled date of delivery.
- (b) The Seller is declared bankrupt or becomes insolvent
- (c) The delivery of material is delayed due to causes of Force Majeure by more than **02 months** provided Force Majeure clause is included in contract.
- (d) As per decision of the Arbitration.



24. **Notices:** Any notice required or permitted by the contract shall be written in the English language and may be delivered personally or may be sent by FAX or registered pre-paid mail/ airmail, addressed to the last known address of the party to whom it is sent.

25. **Transfer and Sub-letting:** The Seller shall have 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 present Contract or any part thereof.

26. **Risk and Expense Clause:**

(a) Should the stores or any instalment thereof not be delivered within the time or times specified in the contract documents, or if defective delivery is made in respect of the stores or any instalment thereof, the Buyer shall after granting the Seller 45 days to cure the breach, be at liberty, without prejudice to the right to recover liquidated damages as a remedy for breach of contract, to declare the contract as cancelled either wholly or to the extent of such default.

(b) In case of a material breach that was not remedied within 45 days, the BUYER shall, having given the right of first refusal to the SELLER be at liberty to purchase, manufacture, or procure from any other source as he thinks fit, other stores of the same or similar description to make good:-

(i) Such default

(ii) In the event of the contract being wholly determined the balance of the stores remaining to be delivered thereunder.

27. **Force Majeure clause:** Should any Force Majeure circumstances arise, each of the contracting party shall be excused for the non-fulfillment or for the delayed fulfillment 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. **A meeting with reps of BUYER and SELLER will be conducted before invoking Force Majeure Clause.**

28. **Packing and Marking:** The deliverables shall be packed in standard containers / packets as recommended by the manufacturer for storage and transportation. The packing of the item shall conform to the requirements of specifications and standards in force in India. Following Marking to be stenciled on one side of each container / bottle: -

- (a) Description of Contents
- (b) Place of Factory, Address
- (c) Date of Manufacture
- (d) Net Weight of contents
- (e) Name of Manufacturer
- (f) Warranty Period



PART IV – SPECIAL TERMS & CONDITIONS

The Bidder is required to give confirmation of their acceptance of Commercial Terms & Conditions of the RFP mentioned below (refer **Appendix-B**) 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. **Failure to do so may result in rejection of Bid submitted by the Bidder.**

29. **Payment Terms:** 100% of the order value plus applicable GST will be paid only after satisfactory delivery duly certified by BAPL rep & submission of Invoice in Original.

30. **Invoice Preparation:** All Invoices shall contain the following information:

(a) All Invoices shall be raised and submitted to DGM (Finance), BAPL, Pilani with a copy to HoD (Commercial), BAPL, New Delhi. The address of BRAHMOS Complex, Pilani is:

BrahMos Aerospace Pvt. Ltd.

BrahMos Complex,

Pilani, Post Dularia

District: Jhunjhunu

Rajasthan

Pin: 333031

(b) GSTIN No. for Pilani unit is 08AABCR8269E1Z5 and the same shall be mentioned in all invoices as applicable.

31. **Documents to be submitted for claiming payment:** The following documents need to be submitted to DGM (Finance), BRAHMOS Complex, Pilani by SELLER for claiming payment:

(i) Ink signed copy of Commercial Invoice.

(ii) Copy of Order placed on SELLER by BUYER

(iii) Certificate of Acceptance issued by the Buyer / or its nominated inspector (original) during PDI at site

32. **Price:** The price is required to be submitted separately in the Price Bid (**Appendix-F**). Rates will not be indicated in the technical bid and if indicated, then the tender will be considered invalid.

33. **Taxes and Duties:** GST applicable at the time of dispatch will be paid extra by the Buyer. GST will be paid when ITC is available to BAPL in GSTIN site.

34. **Liquidated Damages:** Will be at the rate of 0.5% per week of delay and part thereof subject to maximum of 10% of order value on failure to complete the work within the need date as mentioned in the Purchase Order.



PART-V - Evaluation Criteria & Price Bid issues

35. The Bidder is required to submit **detailed Techno-Commercial Bid containing all Terms & Conditions as enumerated at Part II, Part III and Part IV of this RFP** and give confirmation of their acceptance of all Terms & Conditions (refer **Appendix-B**) 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. **Failure to do so may result in rejection of Bid submitted by the Bidder.**

36. **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. This would be a paper evaluation comprising of scrutiny of all documents, technical literatures, certificates, compliance statements etc submitted by the bidders and any document asked by the TEC. 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.**

37. **Evaluation of Price Bid.** The Price Bids of only those Bidders will be evaluated, **whose technical bids have been cleared by TCEC.** The price negotiation will be carried out by a Price Negotiation Committee (PNC). The Price Bid will be opened in front of TCEC qualified Bidders and negotiation will be carried out with the L1 Bidder. The Price Bids will be evaluated on the basis of total scope.

38. List of Documents to be submitted by BIDDER / SELLER at various stages of execution of order:

| Sl No. | Documents | Reference in RFP | Remarks |
|---------------|---|----------------------------|----------------------------------|
| 1. | Techno-Commercial BID | Para 1 of RFP | As part of Techno-Commercial BID |
| 2. | Price BID | Para 1 of RFP & Appendix-F | |
| 3. | Compliance Statement (along with soft copy in excel sheet in .xlsx) | Appendix-B | |
| 4. | Acceptance of Terms & Conditions of Tender | Appendix-C | |
| 5. | Electronic Payment System Mandate Form | Appendix-D | |
| 6. | Non-Blacklisting Certificate | Appendix-E | |
| 7. | Bidder Registration / Assessment Document | Para 7 of RFP | During payment claim |
| 8. | Documents for Claiming Payment | Para 31 of RFP | |

39. Please acknowledge receipt of this RFP.

Thanking You,

Yours sincerely
For BrahMos Aerospace Pvt. Ltd.

Abhishek Panigrahi
Abhishek Panigrahi

Additional General Manager (Commercial)



APPENDIX-A

SCOPE OF WORK

ADDRESSABLE FIRE ALARM SYSTEM

A.1 SCOPE OF WORK

A.1.1 These specifications shall cover the Design, Supply, Erection, Testing, and Commissioning of Intelligent Addressable Fire Alarm Systems and subsequent integration with the existing Fire Alarm System for the auxiliary buildings at our works at Pilani.

A.1.2 The work is to be carried out on the basis of site visit with Authority and according with the as build site drawing. The basic AutoCAD drawing will be provided. Drawings for ITC will be prepared by Bidder according to the guidance of Authority. The visit will be conducted between 29 May – 02 June 2025.

A.1.3 The Bidder needs to understand the proper requirement by making site visit. The equipment and their associated works such as Cabling, etc. may be re-arranged in the space allotted subject to the approval of the BRAHMOS Complex, Pilani. It is the Contractor's responsibility to ensure that his work is coordinated with the work of other agencies/client as and when required.

A1.4 The minimum requirements projected for the Fire Alarm System (FAS) is as follows:

| SI No | Item Name | A/U | Qty |
|-------|--|-----|---|
| 1 | Smoke Detector | Nos | 34 |
| 2 | Addressable Beam Detector | Nos | 13 |
| 3 | Fire Alarm Panel | Nos | 01 |
| 4 | Flame proof Manual Call Point | Nos | 05 |
| 5 | Flameproof addressable Hooter with Flasher | Nos | 05 |
| 6 | 2Cx1.5 SQ mm FRLS copper cable | Mtr | As per site requirement (400 m approx.) |



| | | | |
|---|------------------|-----|--|
| 7 | 25mm PVC Conduit | Mtr | As per site requirement (400 m approx.) |
| 8 | DPU 600 | Nos | 01 |



A.2. SCHEDULE OF REQUIREMENTS

- A.2.1 Intelligent Addressable Fire Alarm System requirements will be as per site visit / requirement of the client.
- A.2.2 Tenderers are advised that the location of detectors and other accessories etc. will be as per the site condition & requirement.
- A.2.3 It is the intent of these specifications to define a state-of-art integrated Fire Alarm System, which is user friendly, modular, flexible and expandable. The system is to be designed, installed, customised, tested, commissioned and supported by a local Buyer or agent of the manufacturer by Engineers skilled in providing functional and efficient solutions to the needs of the Buyer.
- A.2.4 The contractor shall have an in-place support facility in India equipped with Competent Support Staff, Spare Parts Inventory and all the necessary Test and Diagnostic Equipment to provide support within 24 hours of any breakdowns.
- A.2.5 All electronic equipment shall conform to the pertinent regulations governing radio frequency electromagnetic interference and should be so labelled.
- A.2.6 All system components and sub-systems are to be fault tolerant and provide satisfactory operation without damage at + 10% of the rated voltage and at + 3 Hz variation in line frequency.

A.3. TECHNICAL DATA

- A.3.1 The Tenderer shall submit comprehensive technical information for all the equipment and material. This must include but not necessarily be restricted to, all data as given at para-A.3.2.
- A.3.2 Technical catalogues and performance Tables/ Curves of all equipment and machines must be submitted with the offer.
- A.3.3 Information given by the tenderer is meant for general information only. In case of discrepancies between tender specifications and details given by the tenderer, decision of BRAHMOS Complex, Pilani will be final and binding on Contractor unless departures are indicated by the Tenderer.

A.4. PERFORMANCE GUARANTEE AND TESTING

- A.4.1 The Contractor shall execute the work on the basis of indicative designs and accepted by him with or without modifications or new designs submitted by after the Ordering and accepted by the Buyer, as the case may be. All Variations, i.e. additions, omissions or substitutions necessitated at anytime for any reason whatsoever, shall be deemed to have been accepted by the Contractor as not vitiating the performance based nature of this contract. If any such variations, irrespective of whether such variations are intended to be executed by other agencies employed by this Buyer, have any bearing on the performance of this Contract, the same shall immediately be brought to the notice of This Buyer by the



Contractor in writing. In any case the Contractor shall have to guarantee for due and proper performance of the works agreed to be so erected.

- A.4.2 The Fire Detection installation shall be designed and guaranteed to perform as indicted in other parts of these specifications and drawings read in conjunction with statutory requirements.
- A.4.3 All equipment shall be tested at manufacturer's Works as per latest relevant BIS specifications or in the absence of IS specification approved testing methods shall be followed and Test Certificates/ Reports submitted to the BRAHMOS Complex, Pilani. The contractor shall intimate in advance the probable date of such tests to the Buyer to enable their representatives to witness the tests if they so desire. But under no circumstances shall this absolve the Contractor of his responsibility for Performance of the Equipment or System.
- A.4.4 In addition to the above, all equipment and systems shall be tested after installation as required by various statutory authorities, certifying agencies and as required by various sections of these specifications.
- A.4.5 The Contractor shall take full responsibility for proper operation of the entire system including debugging and proper calibration of each component and sub-system.
- A.4.6 The Contractor shall leave necessary provisions required for fixing instruments, gauges, meters, etc. for testing the installation even if these are not handed over in the drawings. All such instruments, services etc. needed for the tests shall be arranged by the Contractor at his own cost.
- A.4.7 It is the sole responsibility of Contractor to obtain all the necessary approvals from the statutory authorities, either prior to, during or after installation as required. All tests specified herein-after and witnessed/ approved by this Buyer, may be deemed to be invalid at the option of this Buyer, if the requisite, final and unconditional approvals from the concerned statutory authorities are not obtained by the Contractor.
- A.4.8 The Contractor shall intimate in writing to this Buyer as and when individual components of the installation are ready for tests required for further progress of erection. All such tests shall be carried out as per these specifications and/ or as directed by this Buyer.
- A.4.9 On completion of erection, the contractor shall thoroughly clean all the equipment, inspect and check the entire installation for correctness and completeness and furnish a detailed report on all components of the installation to this Buyer.
- A.4.10 The Contractor shall intimate in writing to this Buyer, the proposed date of initial startup.
- A.4.11 The Contractor shall, on approval of this Buyer, proceed with necessary pre-commissioning activities and tests and put the installation initial operation and start-up during which preliminary adjustments and addressing shall be carried out.



- A.4.12 Based on preliminary observations during the initial operation described above, necessary modifications/ repairs/ replacements/ etc. if any shall be carried out by the Contractor to the entire satisfaction of this Buyer. On successful completion of initial operation, the Contractor shall proceed with trial runs.
- A.4.13 Notwithstanding approval of tests or equipment or materials by this Buyer etc., up to the tests in static state as described here-in above, the Contractor shall be required to perform site tests to prove correctness of ratings and performance of equipment and materials supplied and installed by him, in normal operating condition.
- A.4.14 All equipment shall be capable of performing the duties specified in these specifications without damage, distortion or failure of any component.
- A.4.15 The performance of various equipment individually shall not be less than quoted ratings and consumption of power shall not exceed the ratings quoted by the tendered, when tested in normal operating condition. Otherwise the equipment / material are liable for rejection.
- A.4.16 All test instruments shall be calibrated for accuracy prior to taking the performance tests.
- A.4.17 Failing satisfactory performance of equipment and/ or overall installation after rectification etc. as stated above, this Buyer, at its sole discretion, reserves the option of charging liquidated damages for such non-performance or demand supply and installation of new installation all at no extra cost to this Buyer or demand for full refund of all "On Account" payments made to the Contractor for that part of the work which has failed to perform, and the Contractor shall be obliged to do so as directed by this Buyer

A.5. CODES & STANDARDS

- A.5.1 The Fire Alarm system shall comply with latest requirements of EN54/Vds/UL/IS standard
- A.5.2 In general the system and all components shall have EN54/Vds/UL Approval.

A.6. INSTALLATION:

- A.6.1 Installation shall be in accordance with the local and state codes, as shown on the drawings, and as recommended by the equipment manufacturer.
- A.6.2 All fire detection and alarm system devices, control panels and remote enunciators shall be flush mounted or surface mounted as per instructions of this Buyer.
- A.6.3 Manual call boxes shall be suitable for surface mounting or semi-flush mounting and shall be installed at a height of not less than 1,000 mm, or more than 1200 mm above the finished floor level.



A.6.4 At the final inspection, a factory-trained representative of the manufacturer of the major equipment shall demonstrate that the system functions properly in every respect.

A.7 DEMONSTRATION:

A.7.1 The Contractor shall completely check out, calibrate and test all connected hardware and software to ensure that the system performs in accordance with the approved specifications and sequences of operations submitted.

A.7.2 This demonstration shall consist of the following:

- a) Display and demonstrate each type of data entry to show site specific customizing capability.
- b) Demonstrate parameter changes.
- c) Demonstrate scan, update and alarm responsiveness.

A.8 MANUALS:

The following manuals shall be provided at the time of Handing over:

A.8.1 An Operator's Manual shall contain graphic explanations of keyboard use for all operator functions specified under Operator Training.

A.8.2 Computerized printouts of all data file layouts including all point processing programming details, flowcharts, etc.

A.8.3 On completion of works "As Built" drawings for completed installation shall be prepared by the Contractor and (5) Five copies of the same will be supplied to this Buyer. In addition, (5) Five sets of all Operation Manuals, Technical Literature for the various components of equipment, Controls and Accessories installed, Recommended Spares and Services Manuals will be supplied by the Contractor to this Buyer. In addition, the Contractor needs to submit the documentation in a Compact Disc (2 Nos.)

A.9. TRAINING & HANDING -OVER

A.9.1 All training by the Contractor shall utilize manuals and as-built documentation and the on-line help utility.

A.9.2 Operator training shall include:

- a) Sequence of Operation review
- b) Sign ON - Sign OFF
- c) Selection of all displays and reports
- d) Commanding of points, keyboard



e) System initialization

f) Trouble shooting of sensors (determining bad sensors) g) Password modification

A.9.3 Supervisor training shall include:

a) Password assignment/modification

b) Operator assignment/modification

c) Operator authority assignment/modification

d) Point disable/enable

e) Terminal and data segregation/modification

A.10 GUARANTEE

A.10.1 The contractor shall guarantee the entire Intelligent Addressable Fire Alarm system installation as per specifications both for components and for system as a whole. All equipment shall be guaranteed for One year from the date of handed over to BRAHMOS Complex, Pilani against unsatisfactory performance or breakdown due to defective design, manufacture and/or installation. The installation shall be covered by the conditions that the whole installation or any part thereof found defective within one year from the date of completion shall be replaced or repaired by the contractor free of charge as decided by this Buyer.

A.10.2 The guaranty shall cover the following:-

a) Quality, strength and performance of materials used.

b) Safe mechanical and electrical stress on all parts under all specified conditions of Operation.

c) Satisfactory operation during the guarantee period.

d) Performance figures and other particulars as specified by the tendered under

A.10.3 Labour to trouble shoot, repair, reprogram or replace system components shall be furnished by the contractor at no charge to this Buyer during the guarantee period.

A.10.4 All corrective software modifications made during guarantee period shall be updated on all user documentation.

A.11. MISCELLANEOUS:

A.11.1 The onus of incorporating the statutory requirements as per local rules and obtaining necessary approval for the fire alarm systems shall rest fully with the Contractor.



- A.11.2 The installation shall be carried out using new Equipment/ Materials complying with applicable standards in a workmanship like manner. This Buyer reserves the right to reject any part of installation having poor workmanship.
- A.11.3 All minor Masonry, Carpentry and Civil works such as cutting / opening in Masonry Walls/ Internal Partitions, Chasing on Walls, etc. and making good the same to match existing surface shall be done by the Contractor, wherever asked for by the This Buyer or his authorized representative. Nothing extra shall be paid on this account



CHAPTER B: SYSTEM DESCRIPTION

B.1 SCOPE OF WORK AND EXCLUSIONS

The work shall comprise entire labour including supervision and all materials necessary to make a complete installation to the entire satisfaction of the department. The term complete installation shall mean, not only major items of equipment covered by these specifications, but also incidental sundry components necessary for complete execution and satisfactory performance of the installation, with all labour charges, whether or not these have been mentioned in detail in the tender documents. The work shall include data entry, programming, start up test and demonstration, training of personnel for maintenance and operation, submission of construction and installation drawings and wiring diagrams, as built documents and system guarantee.

B.1.1 The Contractors' scope of work will include all items of work as per these specifications, drawings, terms and conditions of contract etc. and briefly described in schedule of quantities. This shall include, but not be restricted to the following:-

- a) Addressable Optical Smoke Detectors
- b) Addressable Optical Cum Thermal Detectors
- c) Addressable Manual Call Points
- d) Microprocessor Based Modular type Intelligent Addressable Main Fire Alarm Control Panel for connecting and monitoring the Fire Detectors and other devices.
- e) NAC Powered Low /High Intensity Hooters activated from the Panel.
- f) Providing suitable compatibility in the Main Fire Alarm Control Panel for the Public Address System, audio Amplifiers, speakers & required wiring.
- g) Electrical works, including Cabling, Earthing etc. for the installation.
- h) All other works associated with above items as per specifications, drawings and conditions of contract and the Fire Brigade requirements except those specifically excluded in Schedule of Quantities.

B.1.2 Unless otherwise indicated in Schedule of Quantities and drawings, the Contractor's scope of work will exclude only the following items of work and services, which will be arranged by this Buyer through other contractors, if required.

- a) Provisions of adequate AC, single/ three phase, 230/415 V, 50 HZ supply with earthing for Fire Control Panels etc.

B.2 GENERAL DESCRIPTION OF INTELLIGENT FIRE ALARM SYSTEM (IFAS)

1.1 The detectors shall be Addressable optical type / Optical Cum Thermal type detectors.



- 1.2 The number of detectors and location shall confirm to relevant standards IS: 2189. The detectors shall give the visual and audible alarm at the respective control Panel. The panels shall be located in the respective ground floor control rooms.
- 1.3 The fire alarm panel shall operate 240V+ 10% 50Hz. The FDAS shall also be provided with a dedicated stand by power supply system (battery and charger) capable of maintaining the system for a period of not less than 24 hours after failure of ac power supply after which sufficient battery shall remain to provide full load operation for at least 30 minutes in line with IS 2189.
- 1.4 The cables shall be used from detectors to the alarm panel confirming to the relevant IS and from reputed manufacture.
- 1.5 The system should be able to detect any type of smoke, fire and heat in the respective site area.

B.3. DETAILED DESCRIPTION OF THE SYSTEM COMPONENTS:

B.3.1 BASIS OF DESIGN

An Addressable Modular and Expandable Fire Alarm System (IFAS) shall be provided to effect total control over the life safety services required in the building.

The system shall be provided with Addressable fire alarm initiating, annunciating and control devices. The addressable and intelligent system shall be such that smoke sensors, thermal sensors, manual call points, etc., can be identified with point address.

The FAS shall be able to recognize normal and alarm conditions, below normal sensor values that reveal trouble condition, and above normal values that indicate either an alarm condition or the need of maintenance. Read-out or address an actual detector location.

The operator shall also be able to adjust alarm and alarm thresholds and other parameters for the smoke sensors. Provide a maintenance/pre-alert/fault alarm capability at smoke sensors to prevent the detectors from indicating a false alarm due to dust, dirt etc. Provide alarm verification of individual smoke sensors.

Systems that perform alarm verification on a zone basis shall not be acceptable. Alarm verification shall be printed on the printer at the Control Station's printer to enhance system maintenance and identify possible problem areas.

Provide local numeric point address and LED display of device and current condition of the point. Each detector shall use state-of-the-art Microprocessor Circuitry with error, detector self-diagnostics and supervision programs.

The detection of the fire shall be taken at the detector level. Optical Smoke Detectors shall be offered where by the system logic activation is based on Intelligent Signal Processing smoke detection principal. Optical Smoke cum



Thermal Detectors shall be offered where by the system logic activation is based on intelligent signal processing principal. Provide outputs that are addressable, i.e. outputs shall have point address. The operator shall be able to command such points manually or assign the points to Logical Point Groups (Software Zones) for pre-programmed operation.

In the event of a fire alarm, but not in a fault condition, the following action shall be performed automatically.

- a. The System Alarm LED on the main fire alarm control panel shall flash.
- b. A local sounder shall be sounded.
- c. The LCD display on the main fire alarm control panel shall indicate all information associated with Fire Alarm condition including the type of alarm point and its location within the premises.
- d. Printing and history storage equipment shall log the information associated with the Fire Alarm Control Panel condition, along with the time and date of occurrence.
- e. All system output programs assigned via control-by-event programs that are to be activated by a particular point in alarm shall be executed, and the associated system outputs (alarm notification appliances and/or relays) shall be activated

FIRE ALARM CONTROL PANEL (FACP)

The Addressable Fire Alarm Control Panel (FACP) shall be networkable type. FACP shall has its own microprocessor, software and memory.

In the event of failure of the central or communication breakdown between the central station and the FACP, the FACP shall automatically operate on stand-alone mode without sacrificing any functions.

The networking should be peer to peer type wherein all information is available on all the panels The panel should be modular microprocessor based in nature and should be expandable.

Each loop capacity should not be less 250 detectors & devices.

FACP shall supervise detection circuits and shall generate an alarm in case of abnormal conditions.

FACP shall provide general purpose inputs for monitoring such functions as low battery or AC power failure.

FACPs shall provide tamper protection and commendable outputs, which can operate relays or logic level devices.

Smoke detectors shall be powered using the FACP-based smoke detection circuits.



FACPs shall provide for resetting smoke detectors, fault-isolation and sensor loop operation. It shall be possible to mix different fire devices within the same FACP to optimize field wiring.

It shall be possible for the panel to have a loop length with different modules offering minimum 3 km Loop length of devices from the panel.

FACPs shall provide monitoring and control of one floor or area or for multiple floors or areas.

FACPs shall meet the following requirements to assure the integrity and reliability of the system:

- a. The FACP shall be Vds Certified / UL listed independently as a fire alarm control panel.
- b. The FACP should have integrated power distribution module and fixed cabling done internally to guarantee a clear and tidy cable feed.
- c. The panel should have a minimum 80 Character LCD screen with white background lighting and keypad. The display should enable a flexible design of the operating menu with variable keys and message windows.
- d. FACP should have menu Based operation.
- e. All materials and components used in the panel are specified as per EN-54 / Vds / UL standard.
- f. The panel should have a 120V/230V AC power supply unit in plug-in design with rack and panel connector is a 24VDC/6A single output power supply. The module should be protected against overvoltage and reverse polarity. The output voltage is monitored and regulated externally.
- g. LCD display at the FACP shall be provided to indicate point in alarm or trouble. In such systems, means for manually scanning the points in trouble shall be provided and a trouble and alarm LED shall be used to indicate that there are points in alarm/trouble. The alarm/trouble LED shall only extinguish when all alarm/troubles are cleared from the loop.
- h. It shall be possible to command test, reset and alarm silence from the FACP .FACP should have minimum 250 freely configurable detector zone displays.
- i. FACP should have a programmable software timer for automatic switching of day operation mode to night operation mode, switching of mode of operation of automatic multi-criteria fire detectors
- j. Programming & logging in of all panels in network is possible from any panel.
- k. FACP should have at least 2000 history logs.



- l. The fire panel must display the mixed operation of bidirectional, digital data transmission between detector and control panel for uniform switching of fire peripherals via a two-wire stub and/or loop topology.
- m. Direct connection of a stub line to a loop at any location without additional interfaces.
- n. programmable software timer for automatic switching of day operation mode to night operation mode, switching of mode of operation of automatic multi-criteria fire detectors
- o. Individual detector and detector zone switch-off
- p. Output of stored messages in plain text.
- q. linking of detector information for generating switch commands, e.g. to panels, as well as activation of monitored elements
- r. Two freely programmable relay
- s. The FACP shall have Drift Compensation facility to compensate for environment.
- t. The display on FACP shall provide indication for AC Power, System Alarm, System Trouble/Security Alarm, Display Trouble and Signal Silence. This would mean that in the event of change of any logic, detector / zone sequence alteration, the operator can initiate these by use of the alpha-numeric keys on the FACP panel / PC to reconfigure the above parameters.
- u. FACP should be web server based and can be accessed / logged in from connected network.

DETECTORS & ADDRESSABLE DEVICES

General features common to all detectors: Built-in-response indicator: Each detector shall incorporate indicator "LED" at the detector which shall blink green in normal condition and red on actuation of the detector to locate the detector which is operated while on fire. The detector shall not be affected by the failure of the response indicator lamp. The Led should be visible from a 360 deg view
Maintenance: All detectors shall be fitted either with plug-in system or bayonet type connections only, from the maintenance and compatibility point of view.
Construction: The components of the detectors must not be damaged by static over voltage.

Addressable Thermal Detectors Thermal detectors shall be connect with two wires to one of the Fire Alarm Control Panel loops.

The detectors shall use an electronic detector to measure thermal conditions caused by a fire and shall, on command from the control panel, send data to the panel.



The detector should be able to detect Rate of Rise Temperature as well as Fixed Temperature.

The detectors shall provide electronic address-setting by means of configuration software/ Rotary switches.

The area covered by each smoke/heat detector shall be as per EN – 54/UL guidelines.

The status Led should be multi-color and visible from a 360 deg. View.

The Ingress of detector should be minimum IP: 42.

Addressable Optical Smoke Detectors

Optical smoke detectors shall be addressable devices, and shall connect with two wires to one of the Fire Alarm Control Panel loops. The detector should have an earliest detection of lightest smoke. All sensor signals should analyze continually by the internal evaluation electronics (Intelligent Signal Processing – ISP) and are linked with each other via an inbuilt microprocessor.

The detectors shall be ceiling mounted type

The detectors shall provide electronic address-setting by means of configuration software/ Rotary switches.

The area covered by each smoke/heat detector shall be as per EN – 54/UL guidelines.

The status Led should be multi-color and visible from a 360 deg view

The Ingress of detector should be minimum IP: 42

Addressable Optical Smoke cum Heat Detectors

Optical smoke cum Thermal detectors shall be addressable devices, and shall connect with two wires to one of the Fire Alarm Control Panel loops.

The detector should have an earliest detection of lightest smoke as well as Rate of Rise Temperature and Fixed temperature.

All sensor signals should analyze continually by the internal evaluation electronics (Intelligent Signal Processing – ISP) and are linked with each other via an inbuilt microprocessor.

The detectors shall be ceiling mounted type The detectors shall provide electronic address-setting by means of configuration software/ Rotary switches.

The area covered by each smoke/heat detector shall be as per EN – 54/UL guidelines.

The status Led should be multi-color and visible from a 360 deg view The Ingress of detector should be minimum IP: 42.



Addressable Manual Stations Addressable manual stations shall be provided to connect to the Fire Alarm Control Panel loops.

The manual stations shall on command from the Control Panel send data to the panel representing the state of the manual station. Stations shall be suitable for surface mounting / semi flush mount.

Projected Beam Type Smoke Detector

The projected Beam Smoke Detector is used in clear open areas where ceiling height is more and spot detector cannot work at that height/ response is very poor.

Each detector consists of a transmitter and a receiver units and they provide an effective smoke detection.

The detectors should be wall mounted type.

- The Beam detector should have a range of detection up to 107 Mtrs (350 Feet.)
- There should be six level of switch-selectable sensitivity • Built in alignment sights and tamper protection
- Automatic range adjustment, signal synchronization and contamination adjustment
- Remote indicator plate annunciates voltage, trouble and alarm conditions
- Switch selectable alarm signal delay
- Auxiliary From C alarm Relay • Operating temperature -30 degree C to 54 degree C. Addressable Monitor Modules
- Programming of the input normal state "open" or "closed" independently selectable for each input
- Pulse contact monitoring for detection of high resistance contacts • Monitoring of contacts for "open" and "closed" states on lines
- For flush mounting in standard electrical boxes • Addressing of interface either automatically or via code switch (allowing unique assignment of installation location to address) Addressable Control / Relay Module: • Output should electrically isolated from loop
- Switching of currents and voltages up to 2A at 30 V DC
- owner supply to interface via two-wire line (line supply)
- Addressing of interface either automatically or via code switch (allowing unique assignment of installation location to address) Addressable Sounder
- The NAC Sounders shall be compatible with the Fire detection and alarm panel offered.



- It shall be roof mounted or wall mount type
- It shall work at the same operating voltage of detectors.
- It shall generate audio alarm on command from the fire detection and alarm panel.
- It shall be able to carry out self-diagnosis and automatic device mapping.
- It should be able to generate at least 3 different types of tones.

Response Indicators

Remote Response Indicator shall be installed outside the areas normally kept closed to identify the detectors response even if the room is locked.

These indicators shall be able to indicate the status of the corresponding detectors in these areas.

Installation Installation shall be in accordance with the IS 2189, NEC, NFPA 72, EN 54, local and state codes, and as recommended by the major equipment manufacturer. All fire detection and alarm system devices, control panels (control panel should be in security room near the front gate) and remote enunciators shall be flush mounted or surface mounted as per direction given by E-in-C.

Manual fire alarm boxes shall be suitable for surface mounting or semi-flush mounting.

Commissioning Procedure shall be carried out in a methodical sequence as follows Start-up, Configuration, Operability adjustment, Stable operation, Final adjustment

The Contractor shall finalize captured FDAS data to be recorded and the manner in which the data is to be taken.

Instruction

Instruction shall be provided as required for operating the system. Hands-on demonstrations of the operation of all system components and the entire system including program changes and functions shall be provided.

The contractor and/or the systems manufacturer's representatives shall provide a typewritten "Sequence of Operation.



LIST OF APPROVED MATERIALS FOR
ADDRESSABLE FIRE ALARM / DETECTION SYSTEM

| <u>SN</u> | <u>Items</u> | <u>Approved Make</u> |
|------------------|--|---|
| 1 | Fire Alarm Panel | <u>BOSCH, NOTIFIER, GEMWELL,</u> <u>HONEYWELL – ESSAR /SIEMENS</u> |
| 2 | Optical Smoke Detector | <u>BOSCH, NOTIFIER, GEMWELL,</u> <u>HONEYWELL – ESSAR /SIEMENS</u> |
| 3 | Optical Smoke-cum-Thermal type Multi criteria Detector | <u>BOSCH, NOTIFIER, GEMWELL,</u> <u>HONEYWELL – ESSAR /SIEMENS</u> |
| 4 | Manual Call Point | <u>BOSCH, NOTIFIER, GEMWELL,</u> <u>HONEYWELL – ESSAR /SIEMENS</u> |
| 5 | Fault Isolator Module | <u>BOSCH, NOTIFIER, GEMWELL,</u> <u>HONEYWELL – ESSAR /SIEMENS</u> |
| 6 | NAC Powered Hooter | <u>BOSCH, NOTIFIER, GEMWELL,</u> <u>HONEYWELL – ESSAR /SIEMENS</u> |
| 7 | Projected Beam Detector | <u>BOSCH, NOTIFIER, GEMWELL,</u> <u>HONEYWELL – ESSAR /SIEMENS</u> |
| 8 | Wire & Cable | <u>POLYCAB, MESCAB, FINOLEX</u> |



SAFETY CODE TO BE ADEHRED BY BIDDER

1. There shall be maintained First aid appliance including adequate supply of sterilized dressings and cotton wool in a readily accessible place on site.
2. An injured person shall be taken to the public hospital without loss of time in cases where the injury necessitates hospitalization. If a person, employed by the Contractor is found to be suffering from any contagious disease; he/she shall be immediately removed from the site so as to prevent the other working staff from getting infected with the disease.
3. Suitable strong scaffolds with adequate handrails should be provided for workmen for all works that cannot be done from ground.
4. No portable single ladder shall be over 4 meters in length /height. The width between the side rails shall not be less than 30cm (clear) and the distance between two adjacent rungs shall be engaged for holding the ladder.
5. The excavated material shall not be placed within 1.5 meters of edge of the trench or half of the depth of trench whichever is more. All trenches and excavations shall be provided with necessary shoring, strutting fencing and lighting.
6. Every opening in the floor of a building or in a working platform is provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be one meter.
7. No floor/ roof or other part of the structure shall be so overloaded with debris or materials so as to render it unsafe.
8. Workers employed on mixing and handling materials such as asphalt, cement mortar or concrete and lime mortar shall be provided with protective footwear and rubber hand gloves.
9. Those who are engaged in welding works should be provided with welder's protective eye-shields and gloves.
10. No paint containing lead or lead products shall be used except in the form of paste or ready-to-use paint.
11. Suitable facemasks shall be supplied for use by workers when the paint is applied in the form or spray of surface having lead paint dry rubbed and scrapped.
12. Overalls shall be supplied by the contractor to the painters and adequate facilities shall be provided to enable the working painters to be during the periods of cessation of work.
13. Contractor shall provide safety belts to all the workers, craftsman supervisors and engineers who are engaged in working on any external face or openings above ground floor level similarly helmets shall be provided subject to head injuries.



14. Hoisting machines & tackle used in the works including the attachments, anchorage and supports shall be in perfect condition
15. The ropes used in hoisting or lowering material or as means of suspension shall be of durable quality and adequate strength and free from defects.
16. Efficient safeguards for any electrical installation, which are already energized during construction, should be provided for workers.
17. When workers are employed in sewers and manholes, which are in use the contractor shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers are allowed to get in the manholes so opened shall be cordoned off with suitable railings and provided with warning signals or boards to prevent accident to the public
18. Safety provisions should be brought to the notice of all concerned by display on a notice board at a prominent place at work spot. The person responsible for the compliance of the safety code is named therein by the contractor.
19. To ensure effective enforcement of the rules and regulations relating to safety precautions the arrangements made by the contractor shall be open to inspection by the labour Buyer, engineers of the dept. or their representatives.



APPENDIX-B

COMPLIANCE STATEMENT

| Sl. No. | Clause | RFP Requirement | Comments by Bidder |
|---------|---------------------------------|---|--|
| | Part I | General Instructions | |
| | Sl. No. of Clause as per RFP | Terms & Conditions as per RFP | Complied (Yes / No) If No, give details |
| | Part II | Essential Details of Items / Services required | |
| | Sl. No. of Clause as per RFP | Terms & Conditions as per RFP | Complied (Yes / No) If No, give details |
| | Part III | Standard Terms and Conditions of RFP | |
| | Sl. No. of Clause as per RFP | Terms & Conditions as per RFP | Complied (Yes / No) If No, give details |
| | Part IV | Special Terms & Conditions of RFP | |
| | Sl. No. of Clause as per RFP | Terms & Conditions as per RFP | Complied (Yes / No) If No, give details |
| | Part V | Evaluation Criteria & Price Bid issues | |
| | Sl. No. of Clause as per RFP | Terms & Conditions as per RFP | Complied (Yes / No) If No, give details |

Based on the requirement the Bidder needs to submit the Compliance to the Bid in excel sheet format (.xlsx) in soft copy.



APPENDIX -C

(refer para 7 of Part -I of RFP)

ACCEPTANCE OF TERMS & CONDITIONS OF TENDER

(To be given on Company Letter Head)

To,
HoD (Commercial)
M/s BrahMos Aerospace Pvt Ltd,
16 Cariappa Marg, Kirby Place,
Delhi Cantt, New Delhi – 110010

ACCEPTANCE OF TERMS & CONDITIONS OF TENDER

Tender Reference No. _____

Name of Tender: _____

Dear Sir,

1. I / We have obtained the tender document(s) for the above mentioned 'Tender/Work' from your office namely: -

_____ as per your advertisement / RFP, given above.

2. I / We hereby certify that I / we read entire terms and conditions of the tender documents from Page No. __ to __ (including all documents like annexure(s), schedule(s), etc.), which form part of the contract agreement and I / we shall abide hereby the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department / organizations too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.

5. The Tech Bid and its enclosures as submitted in physical form as mentioned in part-I of RFP.

6. In case any provisions of this tender are found violated, your department / organization shall be at liberty to reject this tender / bid absolutely and we shall not have any claim / right against dept in satisfaction of this condition.

Yours Faithfully,



(Signature of the Bidder, with Official Seal)

APPENDIX-D
(refer para 07 of RFP)

ELECTRONIC PAYMENT SYSTEM MANDATE FORM

| <u>SI No</u> | <u>Description</u> | <u>Details</u> |
|---------------------|----------------------------|-----------------------|
| 1 | Name of the Firm & Address | |
| 2 | Email ID | |
| 3 | PAN No. | |
| 4 | Name of the Bank | |
| 5 | Name of Branch & Address | |
| 6 | Branch IFSC Code | |
| 7 | MICR Code | |
| 8 | Type of Account | |
| 9 | Bank Account No. | |
| 10 | Type of EPS | |

I, hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the institution responsible.

(Signature of the Bidder, with Official Seal)

Date:

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

Bank Stamp:

Date:

(Signature of Authorized Official from the Bank)



APPENDIX-E
(refer para 07 of RFP)

NON BLACK LISTING CERTIFICATE
(To be given on Company Letter Head)

1. I, _____ son of Shri _____ age about _____ by profession proprietor/ partner of M/s _____ having registered office at _____ do hereby solemnly affirms and declare as under: -

(c) Undertakes to the effect that the firm/I represent is not blacklisted by any Government Organization.

(d) I am not Proprietor/ Partners/ Director of any other firm or business organization with whom Government has banned/ suspended business dealing.

(e) I do not have any concern/ subsidiaries with any business organization or agency blacklisted by Government Organization.

Company Seal

(Authorised Signatory of Company)

Place:

Dated:

Signature of Bidder & Stamp



APPENDIX – F
(refer Para 32 of RFP)

FORMAT FOR PRICE-BID

Price-Bid to be submitted as per the format below: -

| SI No. | System Description | UOM | HSN Code | Unit Basic Cost (Rs.) | GST Cost (Rs.) | Total Cost (Rs.) |
|--------|---|-----|----------|-----------------------|----------------|------------------|
| 1 | Design, Supply, Erection, Testing, and Commissioning of Intelligent Addressable Fire Alarm Systems and subsequent integration with the existing Fire Alarm System | 01 | | | | |

Note: BIDDER to submit Price-BID as per the aforementioned format only.



2025-00041A

TENDER ID

LAST DATE OF SUBMISSION

06-Jun-25

1100 HRS

**TENDER BOX
NO.**

1

TENDER FOR

**RFP for Procurement of Services towards SITC for of
Fire Alarm System and Integration with Existing Fire
Alarm System at BrahMos Complex, Pilani**

RFP NO.

BMC/OTE/BAPL-P/25-26/FAS

RFP DATE

14-May-25

VENDOR

VENDOR SEAL

TENDER OPEN DATE

06-Jun-25

1430 HRS

NOTE: THE BID (SINGLE / 2-BID) SHOULD BE PUT IN ONE ENVELOPE AND THIS PROFORMA SHOULD BE PASTED ON TOP. THE TENDER (SEALED ENVELOPE) SHOULD BE DROPPED IN THE BOX (BOX NO. SHOWN AT THE TOP RIGHT CORNER) ONLY, WITHIN THE LAST DATE OF SUBMISSION.