



BRIEF OF THE CASE

Case Reference: CF.No/ AIRHQ/S 59101/30/ACQT (MAKE) BM-I

1. **Service:** Indian Air Force
2. **Nodal Directorate:** Directorate of Ops (IEW)
at SHQ
3. **Name of the Case:** Design and Development of a **Mobile Ground based Multipurpose Jammer System** through Indian Industry.
4. **Case Brief.** In order to gain upper hand in battle field it is important to deny the enemy freedom of use of electronic spectrum which would include ground radar, airborne radars, GPS navigation system and satellite links for guidance. Ground based ECM system can be deployed to jam EM spectrum/ links of enemy ac/radars. The jamming will deny effective use of sensors and guidance systems of the adversary.
5. **Proposal.** IAF intends to partner with indigenous defence production industry to undertake design, development and manufacture of **Mobile Ground based Multipurpose Jammer System** under the **Make – I (Government Funded)** procedure as per Chapter III of DAP 2020.
6. **Broad Technical Parameters** Broad Technical Parameters of the equipment can be requested from the Nodal Dte on signing of a Non-Disclosure Agreement (NDA). A copy of the NDA is **attached as Appendix A**. Detailed project specifications will be finalised after industry interactions and feasibility study.
7. **Indigenous Content (IC)/ Categorisation.** Successful development under **Make – I** category would result in acquisition from successful Development Agency (DA) through the **Buy Indian (IDDM)** category with indigenous design and development and a **minimum IC of 50%**.
8. **Industry Attributes:**
 - (a) Should be an Indian entity (as per provisions of Para 20, Chapter I of DAP 2020, including additional conditions at sub paragraphs (a) and (b)). **(Essential)**

Note: A copy of DAP 2020 is available on website of Ministry of Defence.

 - (b) The Indian entity could be an AOP (Association of Persons) as per guidance in DAP 2020.
 - (c) Experience in manufacturing, maintenance, MRO (Maintenance, Repair & Overhaul) of related equipment (**desirable**).
 - (d) Familiarity with QA processes of DGAQA and certification requirement of the equipment (**desirable**).



(e) Experience in design, development, manufacture and integration in electronics (including embedded sensors) industry (**Desirable**).

1. Interested **Indian** vendors may send their proposals by **30 Oct 22**)

It is requested that, answers to questions at **Appendix B** may also be dovetailed by the industry in their response.

Interested respondents are also urged to read the provisions of “Make-I” procedure at Chapter III of DAP 2020 as the project will be progressed as per these provisions.

2. **Contact Details.** Any queries/further details of the case may be obtained from the Nodal Dte at Air Headquarters (Vayu Bhavan). Interested Indian vendors may forward their responses through letter/fax/email to the Nodal Directorate as follows:-

Nodal Directorate

Directorate of Ops (IEW)
Room No. 590/C-2, Air HQ (VB)
Rafi Marg, New Delhi – 110 106
Email – mastergreen.space@gov.in
Tele – (011) 23015965

A copy of all communication should also be addressed to: -

Make PMU (AF); Room No 413; Air HQ (VB);
Telefax: 011-23013225
Email: makeind.af@gov.in

Disclaimer

This project brief is neither an agreement nor an offer by the MoD to the prospective bidders or any other person. The purpose of this brief is to provide interested vendors with information that could be useful to them in preparation and submission of their proposals related to this project. The questionnaire has been prepared to obtain initial information for screening of the vendors. Detailed questionnaire will be sent or further interactions will be held, to seek additional information for the feasibility study to assess the status of enabling technologies and capabilities of the Indian industry. The responding vendors will bear all costs associated with or relating to preparation and submission of their proposal related to this case. MoD reserves the right to amend, supplement or delete the information in this brief or questionnaire, as suited to the case. The MoD reserves the right to withdraw this project brief without assigning any reasons thereof. The issuance of this project brief and the questionnaire, or a response to the same, does not bound the MoD to shortlist/select the responding vendor for the project. The MoD reserves the right to disqualify any responding vendor, at any stage, on grounds of national security.



Appendix A
(Refers to Para 6 of Brief)

NON DISCLOSURE AGREEMENT

1. This Non-Disclosure Agreement is entered into by and between Indian Air Force located at Air HQ (Vayu Bhavan) and represented by Chairman, Feasibility Study Team (Project name) with office at Address (Vayu Bhavan) New Delhi as the (Disclosing Party) and Name of Company (Receiving Party) located at _____ for the purpose of preventing the unauthorized disclosure of confidential information as defined below. The parties agree to enter into a confidential relationship with respect to the disclosure of the information contained in the Brief for Design, Development & Manufacture of Prototype Project Name as per Make-I Procedure of Chap-III, DAP-2020 (hereinafter referred to as the 'project') and any information provided in addition and in relation to the said Project.
2. For purpose of this Agreement, "Confidential Information" shall include all information or material provided by the Disclosing party. If confidential information is in written form, the Disclosing party shall label or stamp the materials with the word "Confidential" or some similar warning. If confidential information is transmitted orally, the Disclosing Party shall promptly provide a written communication indicating that such oral communication constituted confidential information.
3. Receiving party shall hold and maintain the confidential information in strictest confidence for the sole and exclusive benefit of the Disclosing party. Receiving party shall carefully restrict exercise to confidential information to employees, contractors and third parties as is reasonably required and shall require those persons to sign Non-Disclosure restriction at least as protective as those in this Agreement. Receiving party shall not, without prior written approval of Disclosing party, use, publish, copy, or otherwise disclose to others, or permit the use by others or to the detriment of Disclosing party, any confidential information. Receiving party shall return to the Disclosing party any and all record, notes and other written, printed or tangible materials in its possession pertaining to confidential information immediately if Disclosing party requests it in writing.
4. Nothing contained in this Agreement shall be deemed to constitute either party a partner, joint venture or employee of the other party for any purpose.
5. If any provision of this Agreement is held to be invalid or unenforceable by court of law, the remainder of this Agreement shall be interpreted so as best to effect the intent of the parties.
6. This agreement expresses the complete understating of the parties with respect to the subject matter and supersedes all prior proposals, agreements, representations and understandings. This Agreement shall not be amended except with the written consent of both the parties.
7. That in case of violation of any clause of this Agreement, the Disclosing party is at liberty to terminate the services of Receiving party without assigning any reason and shall also be liable to proceeded against in a Court of Law.
8. The agreement may be terminated by either party by giving thirty (30) days' written notice to the other party, and unless terminated sooner, shall automatically terminate ten (10) years from the date of signing hereof or such extended period as the parties may agree in writing. Receiving party's obligation to protect previously received Confidential Information shall survive any such termination, unless and otherwise it is specifically terminated mutually.



9. This Agreement and each party's obligations shall be binding on the representatives, assigns and successors of such parties. Each party has signed this Agreement through its authorised representatives.

Disclosing Party

Receiving Party

Signature
Name
Date

In witness of: (signature and particulars of a witness)



**QUESTIONNAIRE RELATED TO
MOBILE GROUND BASED MULTIPURPOSE JAMMER SYSTEM**

1. Whether the company/Association of Persons (AoP) is eligible as per provisions of DAP 2020? (Eligibility of Participation: Indian vendors only).
2. Please provide a brief account of vendor assessment of its capability (Financial and Technical) to undertake the project? Please state, list of documentation can be provided for verification?
3. Please provide summary of essential financials (annual turn-over, net worth, credit rating).
4. Please provide details of available manufacturing infrastructure.
5. Please provide details of major contracts undertaken in past?
 - (a) Also indicate special achievements to demonstrate in-house design capability, production capability or project management.
6. Please provide details of resources/capability of the firm to undertake indigenous design, development and testing.
7. Whether 50% Indigenous Composition (IC) can be ensured? What will be the achievable Indigenous Content?
8. Provide details of following: -
 - (a) Cost of design and development of Mobile Ground Based Multipurpose Jammer System.
 - (b) Cost of Procurement of one complete system.
 - (c) Estimated Time period required for design and development of the equipment.
9. Enabling Technologies for realising the equipment within the country.
10. Details of which components will be manufactured in-house and which will be outsourced (through domestic vendors as well as foreign vendors – indicate separately).