



## **INDIAN AIR FORCE**

### **BRIEF AND QUESTIONNAIRE ON MAKE PROJECT DRONE/UAS MOUNTED AIRCRAFT EMULATOR**

1. **Proposal.** Drones provide new measures to be employed for engaging with Air Defence systems (Tracking radar/ SAM). A drone mounted emulator would provide multiple options for such engagement. The proposal is to employ emulator to degrade air situation picture. It is proposed to indigenously design, develop and manufacture Drone/UAS mounted aircraft emulator as per the Make – II procedure of Chap III, DAP 2020.

2. **Broad Requirements.** Indigenous design, develop and manufacture of Drone/UAS mounted aircraft emulator. The system so developed will be controlled through secure data link with Ground Control Station.

3. **Broad Timelines.** The prototype development is expected to be completed within one year of Project Sanction Order. Other estimated timelines are as follow:-

(a)	Time period for response from industry	30 Sep 22 (Questionnaire Last Response)
(b)	Interaction with vendors and feasibility study	Eight weeks
(c)	If project found feasible, internal approvals and issue of EoI	Eight weeks (may extend)

4. **Quantity.** Qty - 50 units with secure Data Link and associated Ground Control Station.

5. **Sponsor Dte.** The contact details of sponsor dte is as follows. The sponsor dte may be contacted between 0930h to 1700h on all working days (Mon to Fri) for any additional information.

**Dte of ASR (EW)**  
**Air HQ (Vayu Bhawan)**  
**New Delhi – 110106**  
**AF Exchange: (011) 23010231 Extn: 5449**  
**TeleFax: 011 - 23011753**  
**Email: [panther.449@gov.in](mailto:panther.449@gov.in)**

6. **Format of Response.** Indian vendors (term to include, public limited company, private limited company, partnership firms, limited liability partnership, one person company, sole proprietorship registered as per applicable Indian laws) desirous of participating in the case may submit their proposal along with duly completed questionnaire (as per format placed at **Appendix A**) through letter, fax or email to **sponsoring dte**. Copy of the response may also be forwarded to: -

Make PMU (IAF)  
Room No 490 (E),  
Air HQ (Vayu Bhavan)  
New Delhi – 110106  
Telefax: (011) 23013225  
Email: [makeind.iaf@gov.in](mailto:makeind.iaf@gov.in)

**QUESTIONNAIRE FOR RESPONSE**  
**DRONE/UAS MOUNTED AIRCRAFT EMULATOR**

1. Whether the company/Association of Persons (AoP) is eligible as per provisions of DAP 2020 (Eligibility of Participation: Indian vendors only).
2. Vendor to provide an assessment of its capability (Financial and Technical)? Provide necessary documentation for verification.
3. Indicate how much Indigenous Content (IC) can be ensured? (Minimum requirement of MoD is 50%).
4. Does the vendor envisage feasibility of export orders from foreign countries?
5. Please indicate if the proposal would be eligible for Make-II subcategory of Chapter III of DAP 2020?
6. Whether R&D or ToT through foreign collaboration is proposed by the vendor? (Provide indicative information)
7. Estimated cost of development of equipment with ground station.
8. Estimated tentative time period for completion of development of equipment.
9. Rough Order of Magnitude (ROM) Cost of equipment in India. Indicate Minimum Order Quantities (MOQ), if applicable.
10. Please indicate plan/status for QA qualification/certification of the system.
11. Please provide other relevant and applicable technical details. Indicative of information on parts, assembly, etc.