

**BRIEF ON MAKE - II PROJECT FOR
ANTI-SPOOFING AND ANTI-JAM GNSS (GPS & IRNSS) RECEIVER FOR
FIGHTER AIRCRAFT**

Brief about the Project

1. It is proposed to explore feasibility for indigenous design, development and manufacture of Anti-spoofing and Anti-jam GNSS (GPS & IRNSS) receiver for fighter aircraft by the indigenous industry, through the Make II procedure of DPP 2016.

2. The equipment intended for development is as under:-

Anti-spoofing and Anti-jam GNSS receiver will be required to overcome different type of spoofing and jamming scenarios and providing a reliable output (PNT service) compatible with aircraft avionics.

3. 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 undertaking the design/development/manufacture may submit their response, as per format placed at Appendix B, through letter, fax or email to:-

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

4. Estimated time lines are as follows:-

(a)	Time period for response from industry	Six weeks
(b)	Interaction with vendors and feasibility study	Eight weeks
(c)	If project found feasible, internal approvals and issue of EoI	Eight weeks

5. **Technical Aspects.** Technical data is attached as Appendix A.

6. **Questionnaire.** A generic format for examination of the project by the vendors is placed at Appendix B.

7. **Industry Interaction.** Based on industry response to this brief, vendors may be called for detailed interaction.

Abbreviations Used:

PNT – Position Navigation Timing