BRIEF ON MAKE - II PROJECT FOR
ANTISPOOFING 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:-

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<thead>
<tr>
<th></th>
<th>Time period for response from industry</th>
<th>Six weeks</th>
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<td>(a)</td>
<td>Interaction with vendors and feasibility study</td>
<td>Eight weeks</td>
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<tr>
<td>(b)</td>
<td>If project found feasible, internal approvals and issue of Eol</td>
<td>Eight weeks</td>
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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.

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**Abbreviations Used:**

PNT – Position Navigation Timing