



INDIAN AIR FORCE

BRIEF AND QUESTIONNAIRE ON MAKE PROJECT WIRE ROPE HF ANTENNA MI 17 HELICOPTERS

1. **Proposal.** Mi – 17 helicopter form a major part of helicopter fleet. There is a requirement to indigenise the Wire Rope Antenna for HF System of these helicopters. It is proposed to indigenously design & develop Wire Rope Antenna of Mi-17 Helicopters through Indian Industry within the provisions of Make – II procedure of DAP 2020.

2. **Broad Tech Info.** Mi 17 Helicopters use a wire based antenna for HF communication. Certain specification of the antenna are: -

- | | | | |
|-----|---------------------|---|-------------------|
| (a) | Operating Frequency | - | 2 – 29.9 Mhz |
| (b) | Operating Altitude | - | 9100 mtrs |
| (c) | Operating Temp | - | - 60 °C to +50 °C |
| (d) | Power Output | - | 200 W |

3. **Broad Timelines.** Industry may propose the prototype development timeline for the case in their response. Other estimated timelines are as follow:-

(a)	Time period for response from industry	Six weeks (31 Jan 23)
(b)	Interaction with vendors and feasibility study	Eight weeks
(c)	If project found feasible, internal approvals and issue of Eol	Eight weeks (may extend)

4. **Quantity.** During contract phase, tentative Qty – 40 antennas are likely to be procured each year (these are indicative quantities only. Exact quantities will be intimated during issue of Eol).

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.

Gp Capt Eng H(R1)
Dte of Engineering H
Air HQ Vayu Bhawan
New Delhi - 110106
Tele No. (011) 23010231 Extn 7259
Fax – (011) 25310570, Email: royal123@iaf.nic.in

CF No. Air HQ/59122/30/ACQT(MAKE) BM-I

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