**QUESTIONNAIRE ON MAKE – II PROJECT:**

**DEVELOPMENT OF INFLATABLE DECOYS**

**Section – I: General Aspects**

1. Is the company/Association of Persons (AoP) eligible as per provisions of Annexure I of Chapter IIIA of DPP 2016 for a Make II project? (Eligibility of Participation: **Indian vendors only**).
2. Please provide an assessment of existing capability (Financial and Technical) to undertake the project?
3. Please confirm whether a minimum of 40% Indigenous Composition (IC) can be ensured at prototype stage and at the subsequent procurement stage?
4. Is your proposal eligible for Make-II subcategory of Chapter IIIA of DPP 2016?
5. Does the vendor envisage the feasibility of achieving future exports?
6. Whether project involves completely indigenous R&D or does it involve Transfer of Technology (ToT) through foreign collaboration? Please provide details of the same.
7. Please indicate the estimated/tentative time period for completion of R&D.
8. Please indicate the Rough Order of Magnitude (ROM) Cost of Inflatable Decoys as follows:-
	1. Cost for Design & Development of Inflatable Decoys including ten different prototype.
	2. Cost for production for initial estimated quantity 296 Inflatable decoys.

**Section II - Technical Aspects**

1. Details of technical aspects, user requirements and information expected from prospect vendors is tabulated as under:-

|  |  |  |
| --- | --- | --- |
| **SL. No** | **Requirements** | **Vendor to Specify** |
| **Parameter**  | **Specifications** |
|  1. | General Description |  Mention specs of a decoy as an illustration. e.g. a decoy of an Su-30 aircraft. dimensions will be akin to 1: 1,Material: FabricInflation mechanism: Pneumatic pump  | Vendor to Provide information on functional capability of the various prototypes. Will be decided by PMU/PMT |
|  2. | General Functions | Conform to deception measures. | Vendor to confirm and provide details |
| 3. | Material | Fabric, sheet metal, etc… depending on the prototype. | Vendor to confirm and provide details |
|  4. | Imitation | Must conform to three realms of EM Wave; namely Visual, RF (X-band and Ku-band) and all IR bands namely Short, Mid and Long.  | Vendor to confirm |
| 5. | Environmental Conditions | Withstand wind, temperature, precipitation & humidity as obtained in the various parts in the country | Vendor to confirm and provide specific details |
| 6. | Physical Dimension  | Physical size ratio of 1:1  | Vendor to confirm |
| 7. | Handling | * Foldable (after deflation), fully portable.
* Capable of being stored in pallets / containers.
* Compatible to be lifted by forklifts or cranes (in folded condition).
* Carriage by maximum of \_\_ personnel.
 | Vendor to confirm and provide details |
| 8. | Deployment Time | \_\_\_\_ minutes from containerisation state by maximum of \_\_ personnel. | Vendor to confirm and provide details |
| 9. | Inflatable State  | * At least \_\_\_ hours.
* Capable of being rolled in inflated state.
 | Vendor to confirm and provide details |
| 10. | General Service Life | * Not less than minimum of \_\_ years.
 | Vendor to confirm and provide details |
| 11. | Transportability | * Containerisation dimension to be transportable by aircraft.
 | Vendor to confirm and provide details |
| 12. | Recuperability | * Ability to with stand damage for up to an incision / hole of \_\_\_
 | Vendor to confirm and provide details |
| 13. | Temperature Range | * \_\_ ˚C to \_\_\_ ˚C.
 | Vendor to confirm and provide details |
| 14. | Wind Speed | * Withstand wind speeds of at least \_\_ m/s.
 | Vendor to confirm and provide details |
| 15. | Hot and Humid Conditions |  | Vendor to confirm |
| 16. | Generator for Independent Operations | * Availability of portable generator which can support continuous operations.
 | Vendor to confirm and provide details including duration of operations |