

QUESTIONNAIRE ON MAKE PROJECT NO. IAF/12/16-17
AERIAL FUZE FOR BOMB: FUZES FOR BOMBS

General Aspects

1. Whether the company/Association of Persons (AoP) is eligible as per provisions of DPP 2016? (Eligibility of Participation: Indian vendors only).
2. Whether the vendor can provide an assessment of its capability (Financial and Technical)? If so provide the necessary documentation for verification.
3. Is the firm registered by Government agency? Has the firm been authorized by Govt agency for manufacture/ supply of the explosives?
4. What will be annual turn-over/ production capability of the store by the firm?
5. Is the firm design and development agency and OEM and supplier or only a supplier?
6. What all components will be manufactured by the firm and what will be outsourced?
7. Specify details of manufacturing infra structure.
8. Does the firm have refurbishment facility?
9. Whether 40% Indigenous Composition (IC) can be ensured?
10. Does the vendor envisage the feasibility of achieving future exports?
11. Whether the vendor's proposal would be eligible for Make-I or Make-II subcategory of Chapter III of DPP 2016?
12. Whether R&D or ToT through foreign collaboration is proposed by the vendor?
13. Estimated cost of development in case indigenous R&D is proposed.
14. Estimated tentative time period of completion of R&D or ToT.
15. Rough Order of Magnitude (ROM) Cost of fuzes manufactured in India as follows:-
 - (a) Cost of 5,000 Fuzes.
 - (b) Cost of 10,000 Fuzes.
 - (c) Cost of 15,000 Fuzes and so on.

Technical Aspects

16. Define compatibility with type of warhead viz. Penetration cum Blast (PCB), Penetration, Monolithic, Sub-munition type etc.
17. Define the delay settings.
18. Define the NEQ and TNT Equivalent of the fuze.
19. What will be the shelf life of the fuze in terms of :-
 - (a) Calendar life for storage
 - (b) Flying hours, Number of take-off/ landings for operational deployment
20. Specify the transportation limit, if any, in case of transportation by rail, road, sea, air.
21. Specify the safety features for storage, transportation and deployment.
22. Specify the Environmental Conditions for
 - (a) Operation
 - (b) Storage
23. Specify the Weight and Dimension for the fuze and its casing.
24. Is it of contemporary design having power supply from on-board turbo-generator.
25. Specify the EMI/EMC compatibility of the fuze
26. Specify the Environmental testing and load testing, as per Mil-Spec, that the store will undergo to make it airworthy.
27. Specify the Mil-Specs that were followed for design, safety and certification requirements.
28. Specify the certification agency.

Details of Project Officer

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Vendors' Response expected by: 31 May 17
