**QUESTIONNAIREFOR UNIVERSAL PROXIMITY, DIRECT ACTION AND GRAZE FUZES FOR GUN AMMUNITION OF 76 TO 127MM**

**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. Whether 60% Indigenous Composition (IC) can be ensured?
4. Does the vendor envisage the feasibility of achieving future exports?
5. Whether the vendor’s proposal would be eligible for Make-I or Make-II subcategory of Chapter III of DPP 2016?
6. Whether R&D of ToT through foreign collaboration is proposed by the vendor?
7. Estimated cost development in case indigenous R&D is proposed.
8. Estimated tentative time period of completion of R&D or ToT.
9. Production capacity along with envisaged timelines for local production, maintenance support and lift time support.

**Technical Aspects**

10. What do you understand by a Proximity, Direct action and Self destruction fuzefor a gun ammunition?

11. What do you understand by Grazing action and angle of graze?

12. What do you understand by Radio proximity fuze and its functioning aspect against an aerial target of 0.1m2 cross sectional area moving with a speed of 3 mach?

13. How do you ensure functioning of explosive train in a fuze with proximity action?

14. What do you understand by paralysing action?

15. What are the essential sub-assemblies/components of a proximity fuze with dirct action and self destruction mode?

16. What is shelf life accorded for the proximity fuzefuze in this case?

17. How can you make a universal fuze for various caliber gun ammunition from 76mm to 127mm.

18. What do you understand by Percussion detonator, Flash Delay and Safety Fuze?

19. How can you describe a priming composition and detonating composition in a detonator?

20. Are you aware of Quality Assurance Plan, Process flow Chart and Environmental tests for the ammunition stores.

21. Do you have Environmental test facilities/provisions to undertake Qualification and Acceptance tests as per the specification requirements.

23. Are you aware of various standards viz MIL, IS, BS and JSS to meet the quality requirements of the ammunition stores?