Question 1. Is the gun missile system capable of the following features (each of the following to be clarified separately) :-

(a) A gun and missile mix mounted on one or separate high mobility vehicle(s).

(b) In case both the guns and missiles are on the same chassis, is at least one of the two weapons slaved to a fire control radar.

(c) If the guns and missiles are on separate chassis, in such a case is the gun slaved to a fire control radar.

(d) Is the gun able to engage aerial targets both with and without the fire control radar.

Question 2. Does the gun have the following salient features: -

(a) **Calibre.** Suitable caliber to engage aerial targets flying at speeds up to 350m/sec.

(b) **No of barrels.** Single/multi-barrel.

(c) **Effective Range.** Greater than or equal to 2500m.

(d) **Angular Travel.**

   (i) Azimuth - 360°.

   (ii) Elevation - -5° to +85°.

(e) **Effective Altitude.** Not less than 1500 m.

Question 3. Does the missile have the following characteristics :-

(a) **Range.** Not less than 5 km.

(b) **Target Speed.** Up to 500m/sec.

(c) **War Head.** It should cause destruction/incapacitation of the target at specified ranges.

(d) **SSKP.** Not less than 70%.
Question 4. Is the sighting system capable of detection, acquisition, tracking and engagement of aerial targets during night and under conditions of poor visibility?

Question 5. Does the weapon system facilitate stowage of ammunition in ready-to-fire condition for immediate engagement of air targets?

Question 6. Will the weapon system have communication system compatible with radio sets in service in the Indian Army with space for fitting at least three such radio sets besides suitable inter communication facility between members of the crew?

Question 7. Is the system capable of being operated both by an on-board power supply system and also by using commercial power system (220V 50 Hz) when the mounts are stationary?

Question 8. Does the weapon system have the following:

(a) Night Vision Devices (NVD) for crew commander and driver.
(b) Controlled temperature environment in the crew compartment and the driver’s cabin.

Question 9. Can the equipment move a distance of 50 Km cross country in a day with on board fuel tank and in addition be able to operate for eight hours in a day without refueling?

Question 10. Will the weapon system be capable of transportation by rail on broad gauge rakes of Indian Railways?

Question 11. Will the high mobility combat vehicle be capable of operating in the plains, desert and semi-desert terrain as obtaining in India?

Question 12. Is the system capable of conducting a Built In Test Equipment driven testing both, when the operational programme is being run or not being run?

Question 13. Does the system have simulators for effective training of the crew?

Question 14. Will you be able to provide one complete set to include combat equipment and one set of Technical Support System for trials?

Question 15. Will the equipment be modular in design to facilitate speedy repairs?

Question 16. Will you be able to carry out Transfer of Technology (ToT) to the nominated agency in India and establish the required facilities?

Question 17. Will you be able to carry out Maintenance Transfer of Technology (MToT) to the nominated agency in India and establish the required facilities?
REQUEST FOR INFORMATION  FROM VENDORS FOR  
PROCURING THE SELF PROPELLED AIR DEFENCE GUN MISSILE SYSTEM

1. Indian Army is desirous of procuring Self Propelled Air Defence Gun Missile System.

2. It is requested that information may specifically be provided in reply to this Request for Information.

3. A questionnaire giving specific inputs for the proposed equipment is given as Appendix ’A’.

4. Response to RFI be communicated as under:-

   (a) Weapon & Equipments (WE-9)  
       Room No 208G,  
       Integrated HQ of MoD (Army)  
       South Block, DHQ PO  
       New Delhi – 110 011

   (b) Fax No. 0091-23793274

   (c) Email ID. we_dte@yahoo.com