

SHQ (ARMY)

3RD GEN ANTI TANK GUIDED MISSILE SYSTEM

1. **Brief Description.** The present ATGM system in use are a variety of MILAN and KONKURS ATGMs which are 2nd Generation based on vintage technology and have been in service for more than three decades. The current system is deficient in advanced technologies, primarily the guidance parameters and capability to fight both during day and night. Hence, it is imperative that the Infantry is equipped with an advanced high technology based ATGM system with better accuracy, day and night capabilities and increased survivability which also lends itself to higher mobility due to its weight configuration to meet the enhanced threat.

2. **Estimated Quantity.**

- (a) Launchers - 100 (minimum)
- (b) Missiles - 2330 (minimum)
- (c) Trg Simulator - 05 (minimum)

3. **Broad Qualitative Requirements (QR).** The broad QR are as under :-

(a) **Operational Requirements.**

- (i) Range - 200m – 2500m.
- (ii) Accuracy - Hit probability of not less than 90% by day & night.
- (iii) Type of Guidance - Third Generation with Dual mode (IR & CCD / CMOS) guidance system (with fire & forget and top attack capability).
- (iv) Warhead - HEAT, Tandem warhead.

(b) **Physical Characteristics.**

(i) **Weight**

- (aa) Missile - Not more than 15 kgs.
- (ab) Launcher & TI Sight - Not more than 15 kgs.
- (ii) Thermal Imager, Day Camera and Laser Range Finder to be provided along with the system.
- (iii) Calibre of missile - 115 mm to 155mm.
- (iv) Launch Mode - By vehicle or ground. Should be man portable over short distances.

4. **Tentative Timeline.** As per Chapter III of DPP-2016.