

**BRIEF ON SUO-MOTO PROPOSALS FOR ARMT UPGRADE OF BMP-2/2K  
TO BE UPLOADED ON WEBSITE ([www.makeinindiadefence.gov.in](http://www.makeinindiadefence.gov.in))**

1. **Introduction.** Operations conducted by Mechanised Forces envisage major engagements with enemy forces during the hours of darkness from stand of distances. However present sighting system of BMP-2/2K does not give that edge to the Gunner. It is based on an obsolete technology with very limited ranges and is dependent on external weapon system for night fighting. Keeping in view of the above, a thermal imager based sighting system for BMP-2/2K is desired to be introduced as an upgrade to the equipment.

2. This case has been progressed since 2005 with little progress due to the technology not being available in Indigenous market. Industry has now shown a greater willingness to build a sound system for the R&D, development and sustenance of armament upgrade for BMP-2/2K. The proposal has been perused by the SHQ and is being progressed on the Make-II route for quantity **811 x BMP-2/2K**. The components for Armament upgrade on BMP-2/2K should offer the following :-

- (a) Thermal Imager Based Gunner Sight.
- (b) Thermal Imager Based Commander Sight (Panoramic).
- (c) Fire Control System.
- (d) Automatic Target Tracker.
- (e) Laser Range Finder.
- (f) Existing performance Parameters of Armament to be retained.

