

## MAKE -III PROPOSALS

SI No	Project Details	Sponsoring Dte
1.	<b><u>Crystal Maze (CM) II</u></b> - There is a requirement to manufacture CM II missiles for use on fighter aircraft of IAF. It is proposed to manufacture these CM II missiles as per the Make III procedure of Chap III DAP 2020.	<p>Gp Capt Wpns (F)  Dte of Ops (Off)  Tele – 011-23063668  AFNET: 21115563  Email – klmn.1805@gov.in</p>
2.	<b><u>Mistral</u></b> - MISTRAL WVR Air to Air MsIs are required for use by IAF helicopters. It is proposed to manufacture MISTRAL WVR AA missiles as per the Make III procedure of Chap III DAP 2020.	
3.	<b><u>HSLD (High Speed Low Drag) Mk II</u></b> - There is a requirement to manufacture HSLD Mk II missiles for use on fighter aircraft of IAF. It is proposed to manufacture these HSLD Mk II missiles as per the Make III procedure of Chap III DAP 2020.	
4.	<b><u>R-73E</u></b> - There is a requirement to manufacture R-73 E missiles for use on fighter aircraft of IAF. It is proposed to manufacture these R-73 E missiles as per the Make III procedure of Chap-III DAP 2020.	
5.	<b><u>R-27 ET1</u></b> - There is a requirement to manufacture R 27 ET1 missiles for use on fighter aircraft of IAF. It is proposed to manufacture these R 27 ET1 missiles as per the Make III procedure of Chap III DAP 2020.	
6.	<b><u>X-31P</u></b> - There is a requirement to manufacture X 31 P missiles for use on fighter aircraft of IAF. It is proposed to manufacture these X 31 P missiles as per the Make III procedure of Chap III DAP 2020.	
7.	<b><u>7.62 MM AIRCRAFT AMMUNITION AND LINKS</u></b> - Fitted with 7.62 mm Air Version gun M032. This aircraft ammunition is used against enemy personnel and air-to-ground soft targets. Two types of ammunition that would be required by IAF are API (B-32) and 7.62 mm NATO Ball (Belted). Links for ensuring continuous feed of ammunition are also required.	
8.	<b><u>12.7 MM AIRCRAFT AMMUNITION AND LINKS</u></b> - IAF uses 12.7 mm aircraft ammunition with Gun 9-A-624. These ammunition are used for air-to-ground target for operational requirement as well as for practice purpose. Two types of ammunition that would be required by IAF are Armour Piercing (AP) and inert rounds. Links for ensuring continuous feed of ammunition are also required.	
9.	<b><u>20 MM AIRCRAFT AMMUNITION AND LINKS</u></b> - IAF uses 20 mm aircraft ammunition and links on with turret gun 20M621. This ammunition is used against enemy personnel and air-to-ground soft targets. Three types of ammunition that would be required by IAF are High Explosive (HE), Armour Piercing (AP) and inert rounds. Links for ensuring continuous feed of ammunition are also required.	

10.	<p><b><u>23 MM GSH AIRCRAFT AMMUNITION AND LINKS</u></b>- IAF uses 23 mm GSh ammunition fitted with 23 mm GSh gun. These ammunition are used on air-to-ground as well as air-to-air targets for operational requirement as well as for practice purposes. Three types of ammunition that would be required by IAF are High Explosive (HE), Armour Piercing (AP) and inert. All the three variants of the ammunition should have de- coppering element. Links for ensuring continuous feed of ammunition are also required.</p>	
11.	<p><b><u>30 MM GSH AIRCRAFT AMMUNITION AND LINKS</u></b>- IAF uses 30 mm GSh aircraft ammunition on aircraft fitted with gun 30 mm GSh 30-1. These ammunition are used on air-to-ground as well as air-to-air targets for operational requirement as well as for practice purposes. Three types of ammunition that would be required by IAF are High Explosive (HE), Armour Piercing (AP) and inert rounds. All the variants of the ammunition should have de-coppering element. Links for ensuring continuous feed of ammunition are also required.</p>	
12.	<p><b><u>30 MM DEFA AIRCRAFT AMMUNITION AND LINKS</u></b>- IAF uses 30 mm DEFA aircraft ammunition on aircraft fitted with DEFA gun 554. These ammunition are used on air-to-ground as well as air-to-air targets for operational requirement as well as for practice purposes. Three types of ammunition that would be required by IAF are High Explosive (HE), Armour Piercing (AP) and inert rounds. Links for ensuring continuous feed of ammunition are also required.</p>	
13.	<p><b><u>30 MM ADEN AIRCRAFT AMMUNITION AND LINKS</u></b>- IAF uses 30 mm ADEN aircraft ammunition on aircraft fitted 30 mm ADEN gun. These ammunition are used on air-to-ground as well as air-to-air targets for operational requirement as well as for practice purposes. Three types of ammunition that would be required by IAF are High Explosive (HE), Armour Piercing (AP) and inert rounds. Links for ensuring continuous feed of ammunition are also required.</p>	
14.	<p><b><u>30 MM AIRCRAFT AMMUNITION AND LINKS</u></b>- IAF uses 30 mm aircraft ammunition and links on aircraft fitted with Gun 30 M 791. These ammunition are used on air-to- ground as well as air-to-air targets for operational requirement as well as for practice purposes. Three types of ammunition that would be required by IAF are High Explosive (HE), Armour Piercing (AP) and inert rounds. Links for ensuring continuous feed of ammunition are also required.</p>	