

Unmanned Aerial Vehicles- Indoor and Outdoor (Quantity – 2)

A] For outdoor UAVs:

Class: 2-3 kg class,

Payload: More than 750 gm onboard payload capacity,

Endurance: Around 30 mins or more operational time,

Onboard GNC (Guidance, Navigation, Control) block,

Should include high range sensors like depth camera and/or tracking camera and/or ultrasound sensor and/or IR sensor

Should include high range fast communication channels for real-time data unlinking and downlinking

Should be programmable for research.

B] For indoor UAVs:

Class: 1-1.5 kg class,

Payload: More than 250 gm onboard payload capacity,

Endurance: Around 15 mins or more operational time,

Onboard GNC (Guidance, Navigation, Control) block,

Should include moderate range sensors like depth camera and/or tracking camera and/or ultrasound sensor

Should include moderate range fast communication channels for real-time data unlinking and downlinking

Should be programmable for research.

Extended Warranty – 3 Years

AMC - No