

DRAFT QUALITATIVE REQUIREMENTS AND TRIAL DIRECTIVES OF "BODY WORN CAMERA SYSTEMS (FOR RAF)"

SL. NO.	DRAFT QRS/SPECIFICATIONS		DRAFT TRIALS DIRECTIVES	
	Parameter	Specification		
1	Device type	Camera with audio-video recorder cum player with live streaming facility.	EOO will check physically.	
2	Device dimensions (max)	Length - 120mm, Width - 90mm, Height - 40mm		
3	Working temperature	-10°C to +60°C	EEO will see the Lab Test Report from a national/ international lab.	
4	Storage temperature	-10°C to +60°C		
5	Device ID	Unique ID for identification.	EEO will check physically.	
6	Water Proof	IP65/66/67/68 (Any one of these).	OEM will certify.	
7	Computer Interface	USB Cable , Type 2.0/3.0	BOO will check physically.	
8	Body worn facility	Clip/Harness Type		
9 (A)	CAMERA:		BOO will see the Lab Test Report from a national/ international lab.	
a	Sensor Capacity (minimum)	05 MP		
b	Sensor Type	CMOS		
c	Resolution (minimum)	720 P @30 fps		
d	FOV (minimum)	120° (Diagonally)		
e	Night Vision	IR		
9 (B)	RECORDER:		BOO will check physically.	
a	Recording type	One button recording start/stop.		
b	Snapshot	Capture photos during recording.		
c	Audio	High quality inbuilt microphone.		
d	Recording "on" indicator	LED indicator		
e	Recording duration (minimum)	8 Hrs		
f	Storage capacity (minimum)	16 GB inbuilt.		
g	Expandable storage	Optional		
h	GPS	Built-in (Optional)	OEM will certify.	
9 (C)	INBUILT AUDIO/VIDEO PLAYER CUM IMAGE REVIEW:			
a	LCD Screen	2 inch (max), TFT, Color Display		BOO will check physically.
b	Screen Protection	Scratch Proof Coating/Screen Guard		
c	Audio/Video Playback	YES		
d	Fast Forward	2X,4X,8X		
e	Rewind	2X,4X		
f	Editing/deletion protection	Should be password protected.		
g	User language interface	English		
9(D)	a	Connectivity	4G/3G + WI-FI	BOO will check

			physically.
b	Connectivity type	IP interface for IP Streaming & Network Connections (for networking & data transfer).	OEM will certify.
c	Device should be able to transmit the data to password protected cloud based platform which can be tapped through internet for live view as well as review & analysis on later stage.		OEM will certify and BOO will check physically.
9 (E)	Interface Software / Platform	<p>(1) Recorder & transmitter software as well as review software or app should be compatible with windows operating system.</p> <p>(2) Compatibility with android based platform will be additional advantage.</p> <p>(3) Option for live recording at review end with IP based dedicated DVR will be additional advantage.</p>	OEM will certify and BOO will check physically.
