

RA Document

RA Details	
RA Technical End Date/Time	27-07-2020 10:00:00
RA Opening Date/Time	27-07-2020 10:30:00
RA Life Cycle (From Publish Date)	90 (Days)
RA Offer Validity (From End Date)	75 (Days)
Ministry/State Name	Ministry Of Defence
Department Name	Department Of Defence
Organisation Name	Indian Air Force
Office Name	*****
Total Quantity	1
Item Category	DSLR/ COMPACT / HANDHELD CAMCORDER or VIDEO CAMERAS
MSE Exemption for Years of Experience and Turnover	No
Startup Exemption for Years of Experience and Turnover	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

RA splitting not applied.

DSLR/ COMPACT / HANDHELD CAMCORDER Or VIDEO CAMERAS (1 pieces)

Technical Specifications

[* As per GeM Category Specification](#)

Specification	Specification Name	Values	Bid Requirement
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			(Allowed Values)
TYPE	Classification of Camera	Still	Still, Video
	Type of Camera	DSLR APS Format	DSLR APS Format, DSLR Full Frame Format, Compact Digital camera, Handheld camcorders or Video Cameras
IMAGE SENSOR	Image Sensor	CMOS	CCD, CMOS
	Sensor Size for Fixed Lens Camera (inch)	NA	*
	Sensor Size for Interchangeable Lens Camera (mmxmm)	23.5 x 15.6 to 15.7	17.3 x 13.0, 22.3 x 14.9, 22.5 x 15, 23.5 x 15.6 to 15.7, 35.6 to 35.9 x 23.8 to 24, 36 x 23.9 to 24, NA
	Effective Pixels (Mega Pixels)	24	*
	ISO (Sensitivity of the image Sensor) Max	12800	800, 1600, 3200, 6400, 12800, 25600, 32000, 40000, 51200, 0 Or higher
	Supported Picture or image format	JPEG,RAW	*
OPTICS	Lens Mounting	Detachable	Fixed, Detachable
	Mount type	-	*
	Type of Lens	Wide Angle Lens	*
	Minimum Focal Length	18	Above 10
	Maximum Focal Length	55	0 - 800
	Minimum Lens Aperture (f/number)	3	Above 0.2
	Maximum Lens Aperture (f/number)	5	0 - 22
	Optical Zoom	3X to 5X	*
	Digital Zoom (X)	3	*
	Maximum Field of View	170	*
	Focus Mode	Auto,Manual	*
Video Recording	Video Recoding	Yes	Yes, No
	Maximum Recording Resolution (Pixels)	Full HD (1920 x 1080)	4K (3840 x 2160), Full HD (1920 x 1080), HD (1280 x 720), SD (640 x 480), NA

	Frame Rate	24,30,25,50,60	*
	Video Compression Format	H.264,MPEG4	*
	Live Video Streaming	No	Yes, No
	Video Output Port	HDMI,AV	*
	Video file format	MOV,MP4,AVI	*
AUDIO	Audio Recording	No	Yes, No
	Audio Recording Type	Buit-in	*
	Number of Audio Input Port	1	*
	Type of Audio input Port	3.5 mm (Stero mini jack)	*
	Audio Output	No	Yes, No
	Number of Audio Output Port	1	*
	Type of Audio output Port	3.5 mm (Stero mini jack)	*
DISPLAY	Display	Yes	Yes, No
	Display Type	LCD	*
	Touch Screen	No	Yes, No
	Display Size (inch)	3.1 - 3.5	1-1.5, 1.6-2, 2.1 - 2.5, 2.6 - 3, 3.1 - 3.5, 3.6 and above, NA
	Vari Angle Screen	Yes	Yes, No
	View Finder	Yes	Yes, No
FEATURES	Flash	Built-in,External (Not inclusive in the scope of supply)	Built-in, External (Not inclusive in the scope of supply), NA
	GPS coordinates Stamping onto Videos / photographs	Yes	*
	Gyro Sensor	No	*
	Voice Control	No	*
	Connectivity Interface	Wi-Fi,Bluetooth	*
	Control	NA	*
	Supported Operating Systems for App	iOs,Android,Windows,M ac OS	*
	Picture control system	Auto,standard,portrait,l andscape	*
	Noise reduction Feature	No	*

	Flash modes	Auto,Flash fill,Slow Synchro,Advanced Sync	*
	Shutter type	electronically controlled	*
	Minimum Shutter Speed	0.02	*
	Maximum Shutter Speed	0.02	*
	Drive modes	Countinous Shooting	*
	Additional features, if any	-	*
STORAGE	Storage Type	SD	*
	Dual Slot	No	*
	SD Card Memory inclusive in the scope of supply (GB)	16	*
	Memory Card expandable upto (GB)	128	*
	In-built Memory(GB)	16	*
BATTERY	Power Source	Rechargeable Battery	*
	Battery Size, if Non Rechargeable Battery	NA	*
	Battery Chemistry, if Rechargeable Battery	Li-Ion	*
	Number of Batteries required for operation	1	*
	Number of Batteries supplied (Inclusive in the Scope of Supply)	1	*
	BATTERY CAPACITY (mAh)	1250	*
	Battery Charger for Rechargeable Batteries	Yes	*
OPERATING CONDITIONS	Minimum Operating Temperature (for land use)	0	0, -5, -10, -15, -20, -30, -40
	Maximum Operating Temperature (for land use)	40	40, 50, 55, 60, 70
	Operating Humidity, Rh at 40 deg C	85	65, 70, 75, 80, 85, 90, 95
GENERIC	Housing construction	Polycarbonate	Metallic, Polycarbonate, Composite polycarbonate outer shell with metallic

			internal chassis
	IP Protection	IP 21	IP 21, IP 22, IP 23, IP 52, IP 53, IP 54, IP 55, IP 66, IP 67, NA
	Carry Case inclusive	Yes	Yes, No
	Weight	0.53	*
	Dimension (WxHxD) (mmxmmxmm)	-	*
	List of Items and Quantity of each item included in the offer	-	*
WARRANTY	Warranty	2	1, 2, 3, 4, 5

* Specifications highlighted in bold are the Golden Parameters.

* Bidders may note that In respect of non-golden Parameters, the specifications 'Values' chosen by Buyer will generally be preferred over 'Bid requirement (allowed Values) by the Buyer.

Additional Specification Documents

Consignee/Reporting Officer and Quantity

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days	
1	*****	*****GWALIOR	1	15	

Bid Specific Additional Terms and Conditions

1. Scope of supply (Bid price to include all cost components) : Supply Installation Testing Commissioning of Goods and Training of operators and providing Statutory Clearances required (if any)

[This RA is also governed by the General Terms and Conditions](#)

---Thank You---