

Bid Document

Bid Details	
Bid End Date/Time	27-07-2020 14:00:00
Bid Opening Date/Time	27-07-2020 14:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (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
Bid to RA enabled	No
Inspection Required	No

EMD Detail

Required	No
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ePBG Detail

Required	No
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Splitting

Bid 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 (Allowed Values)
TYPE	Classification of Camera	Still	Video, Still
	Type of Camera	Handheld camcorders or Video Cameras	Handheld camcorders or Video Cameras

IMAGE SENSOR	Image Sensor	CCD	CCD
	Sensor Size for Fixed Lens Camera (inch)	1	1
	Sensor Size for Interchangeable Lens Camera (mmxmm)	17.3 x 13.0	17.3 x 13.0
	Effective Pixels (Mega Pixels)	12	12
	ISO (Sensitivity of the image Sensor) Max	800	800, 1600, 3200, 6400, 12800, 25600, 32000, 40000, 51200 Or higher
	Supported Picture or image format	JPEG,RAW,NA	*
OPTICS	Lens Mounting	Fixed	Fixed
	Mount type	-	*
	Type of Lens	Zoom Lens	*
	Minimum Focal Length	11	11.0
	Maximum Focal Length	700	700.0
	Minimum Lens Aperture (f/number)	0.4	0.4
	Maximum Lens Aperture (f/number)	20	20
	Optical Zoom	3X to 5X,6X to 10X,11X to 15X,16X to 20X,21X to 25X,26X to 30X,31X to 35X,,36X to 40X,41X to 45X,46X to 50X,51X to 55X,56X to 60X,61X and above	3X to 5X, 6X to 10X, 11X to 15X, 16X to 20X, 21X to 25X, 26X to 30X, 31X to 35X,, 36X to 40X, 41X to 45X, 46X to 50X, 51X to 55X, 56X to 60X, 61X and above
	Digital Zoom (X)	8	*
	Maximum Field of View	90	*
Video Recording	Video Recoding	Yes	Yes
	Maximum Recording Resolution (Pixels)	4K (3840 x 2160)	4K (3840 x 2160)
	Frame Rate	24,25,30,48,50,60,80,90,100,120,NA	60, 80, 90, 100, 120, NA, 24, 25, 30, 48, 50
	Video Compression Format	H.264,H.265,H.265+,MJPEG, MPEG4,H 422,NA	*
	Live Video Streaming	Yes	Yes
	Video Output Port	Mini HDMI,HDMI,AV,SDI,BNC,NA	*
	Video file format	MOV,AVI,AVC,XAVC,AVCHD, MP4,XAVC/4K,NA	*
AUDIO	Audio Recording	Yes	Yes
	Audio Recording Type	Buit-in,External,NA	*
	Number of Audio Input Port	1	*
	Type of Audio input Port	3.5 mm (Stero mini jack),XLR,RCA / AV,NA	*
	Audio Output	Yes	Yes

	Number of Audio Output Port	1	*
	Type of Audio output Port	3.5 mm (Stereo mini jack),XLR,RCA / AV,NA	*
DISPLAY	Display	Yes	Yes
	Display Type	LED	*
	Touch Screen	Yes	Yes
	Display Size (inch)	1.6-2	1.6-2
	Vari Angle Screen	Yes	Yes
	View Finder	No	No
FEATURES	Flash	Built-in,External (Not inclusive in the scope of supply),NA	Built-in, External (Not inclusive in the scope of supply), NA
	GPS coordinates Stamping onto Videos / photographs	No	*
	Gyro Sensor	No	*
	Voice Control	Yes	*
	Connectivity Interface	Wi-Fi,Bluetooth,NFC,USB,NA	*
	Control	Remote,App,NA	*
	Supported Operating Systems for App	iOs,Android,Windows,Mac OS,NA	*
	Picture control system	Auto,standard,portrait,monochrome,landscape	*
	Noise reduction Feature	Yes	*
	Flash modes	Auto,Flash fill,Slow Synchro,Advanced Sync,Flash Off,NA	*
	Shutter type	mechanical	*
	Minimum Shutter Speed	30	*
	Maximum Shutter Speed	0.4	*
	Drive modes	single shooting	*
	Additional features, if any	-	*
STORAGE	Storage Type	Micro SD,SD,Memory Stick,CF Card,SxS,XQD,Optical Disc	*
	Dual Slot	Yes	*
	SD Card Memory inclusive in the scope of supply (GB)	32	*
	Memory Card expandable upto (GB)	32	*
	In-built Memory(GB)	32	*
BATTERY	Power Source	Alkaline Batteries (Non-Rechargeable),Rechargeable Battery	*
	Battery Size, if Non Rechargeable Battery	AA	*
	Battery Chemistry, if Rechargeable Battery	Li-Ion	*

	Number of Batteries required for operation	2	*
	Number of Batteries supplied (Inclusive in the Scope of Supply)	2	*
	BATTERY CAPACITY (mAh)	3000	*
	Battery Charger for Rechargeable Batteries	NA for Non-Rechargeable	*
OPERATING CONDITIONS	Minimum Operating Temperature (for land use)	0	0, -5, -10, -15, -20, -30, -40
	Maximum Operating Temperature (for land use)	50	50.0
	Operating Humidity, Rh at 40 deg C	90	90.0
GENERIC	Housing construction	Metallic	Metallic, Polycarbonate, Composite polycarbonate outer shell with metallic internal chassis
	IP Protection	IP 21	IP 21
	Carry Case inclusive	Yes	Yes
	Weight	290	*
	Dimension (WxHxD) (mmxmmxmm)	-	*
	List of Items and Quantity of each item included in the offer	-	*
WARRANTY	Warranty	1	1.0

* 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

Consignees/Reporting Officer and Quantity

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

Bid Specific Additional Terms and Conditions

- Bidder financial standing:** The bidder should not be under liquidation, court receivership or similar proceedings, should not be bankrupt. Bidder to upload undertaking to this effect with bid.
- IMPORTED PRODUCTS:** In case of imported products, OEM or Authorized Seller of OEM should have a registered office in India to provide after sales service support in India. The certificate to this effect should be submitted.
- Indian suppliers of this item are not allowed to participate and/ or compete in procurement by some foreign governments. Bidders / products from such countries are not eligible / not allowed to participate in this bid in terms of clause 1 (d) of Public Procurement (Preference to Make in India) Order, 2017
- Bidder's offer is liable to be rejected if they don't upload any of the certificates / documents sought in the Bid document, ATC and Corrigendum if any.
- Availability of Service Centres:** Bidder/OEM must have a Functional Service Centre in the State of each Consignee's Location in case of carry-in warranty. (Not applicable in case of goods having on-site warranty). If service center is not already there at the time of bidding, successful bidder / OEM shall have to establish one within 30 days of award of contract. Payment shall be released only after submission of documentary evidence

of having Functional Service Centre.

6. Procurement under this bid is reserved for purchase from Micro and Small Enterprises from the State of Bid Inviting Authority whose credentials are validated online through Udyog Aadhaar for that product category. If the bidder wants to avail the reservation benefit, the bidder must be the manufacturer of the offered product in case of bid for supply of goods. Traders are excluded from the purview of Public Procurement Policy for Micro and Small Enterprises. In respect of bid for Services, the bidder must be the Service provider of the offered Service. Relevant documentary evidence in this regard shall be uploaded along with the bid in respect of the offered product or service.

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

---Thank You---