

**Bid Document**

<b>Bid Details</b>	
Bid End Date/Time	14-01-2019 09:00:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	15 (Days)
Ministry/State Name	Ministry Of Human Resource Development
Department Name	Department Of Higher Education
Organisation Name	University Of Delhi
Office Name	University Of Delhi
Total Quantity	6
Item Category	DSLR/ COMPACT / HANDHELD CAMCORDER or VIDEO CAMERAS
MSE Exemption For Years Of Experience And Turnover	Yes

**DSLR/ COMPACT / HANDHELD CAMCORDER Or VIDEO CAMERAS ( 6 )**

**Technical Specifications**

[\\* As per GeM Category Specification](#)

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Allowed Values</b>
TYPE	<b>Classification of Camera</b>	Still	Still, Video
	<b>Type of Camera</b>	DSLR APS Format	DSLR APS Format, DSLR Full Frame Format, Compact Digital camera, Handheld camcorders or Video Cameras
IMAGE SENSOR	<b>Image Sensor</b>	CMOS	CCD, CMOS
	<b>Sensor Size for Fixed Lens Camera (inch)</b>	NA	*
	<b>Sensor Size for Interchangeable Lens Camera (mmxmm)</b>	35.6 to 35.9 x 23.8 to 24	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

	<b>Effective Pixels (Mega Pixels)</b>	24	*
	<b>ISO (Sensitivity of the image Sensor) Max</b>	25600	800, 1600, 3200, 6400, 12800, 25600, 32000, 40000, 51200, 0 Or higher
	Supported Picture or image format	JPEG,RAW	*
OPTICS	<b>Lens Mounting</b>	Detachable	Fixed, Detachable
	Mount type	F	*
	Type of Lens	Zoom Lens	*
	<b>Minimum Focal Length</b>	15	Above 10
	<b>Maximum Focal Length</b>	50	0 - 800
	<b>Minimum Lens Aperture (f/number)</b>	4.5	Above 0.2
	<b>Maximum Lens Aperture (f/number)</b>	5.5	0 - 22
	<b>Optical Zoom</b>	3X to 5X	*
	Digital Zoom (X)	18	*
	Maximum Field of View	150	*
	Focus Mode	Auto,Manual	*
Video Recording	<b>Video Recoding</b>	Yes	Yes, No
	<b>Maximum Recording Resolution (Pixels)</b>	Full HD (1920 x 1080)	4K (3840 x 2160), Full HD (1920 x 1080), HD (1280 x 720), SD (640 x 480), NA
	<b>Frame Rate</b>	24,25,30,50,60	*
	Video Compression Format	H.264	*
	<b>Live Video Streaming</b>	No	Yes, No
	Video Output Port	Mini HDMI	*
	Video file format	MOV,MP4	*
AUDIO	<b>Audio Recording</b>	Yes	Yes, No
	Audio Recording Type	Buit-in,External	*
	Number of Audio Input Port	1	*
	Type of Audio input Port	3.5 mm (Stero mini jack)	*
	<b>Audio Output</b>	No	Yes, No
	Number of Audio	NA	*

	Output Port		
	Type of Audio output Port	NA	*
DISPLAY	<b>Display</b>	Yes	Yes, No
	Display Type	LCD	*
	<b>Touch Screen</b>	No	Yes, No
	<b>Display Size (inch)</b>	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
	<b>Vari Angle Screen</b>	Yes	Yes, No
	<b>View Finder</b>	Yes	Yes, No
FEATURES	<b>Flash</b>	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	No	*
	Gyro Sensor	No	*
	Voice Control	No	*
	Connectivity Interface	Wi-Fi,Bluetooth,USB	*
	Control	NA	*
	Supported Operating Systems for App	NA	*
	Picture control system	Auto,standard,portrait, monochrome,landscape	*
	Noise reduction Feature	Yes	*
	Flash modes	Auto,Flash fill,Slow Synchro,Advanced Sync,Flash Off	*
	Shutter type	electronically controlled	*
	Minimum Shutter Speed	30	*
	Maximum Shutter Speed	0.05	*
	Drive modes	single shooting	*
	Additional features, if any	NIKON MULTICAM 4800DX AUTOFOCUS SENSOR MODULE WITH TTL PHASE DETECTION 39 FOCUS POINTS INCLUDING 9 CROSS TYPE SENSORS AND AF ASSIST ILLUMINATOR	*

		RANGE APPROX 0.5 TO 3M/1 FT 8INCH TO 9FT 10 IN	
STORAGE	Storage Type	SD	*
	Dual Slot	No	*
	SD Card Memory inclusive in the scope of supply (GB)	16	*
	Memory Card expandable upto (GB)	64	*
	In-built Memory(GB)	0	*
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)	2000	*
	Battery Charger for Rechargeable Batteries	Yes	*
OPERATING CONDITIONS	<b>Minimum Operating Temperature (for land use)</b>	-10	0, -5, -10, -15, -20, -30, -40
	<b>Maximum Operating Temperature (for land use)</b>	50	40, 50, 55, 60, 70
	<b>Operating Humidity, Rh at 40 deg C</b>	90	65, 70, 75, 80, 85, 90, 95
GENERIC	<b>Housing construction</b>	Composite polycarbonate outer shell with metallic internal chassis	Metallic, Polycarbonate, Composite polycarbonate outer shell with metallic internal chassis
	<b>IP Protection</b>	NA	IP 21, IP 22, IP 23, IP 52, IP 53, IP 54, IP 55, IP 66, IP 67, NA
	<b>Carry Case inclusive</b>	Yes	Yes, No
	Weight	415	*
	Dimension (WxHxD) (mmxmmxmm)	123*96*79	*
	List of Items and	Memory Card - 1, Bag -	*

	Quantity of each item included in the offer	1 , Charger - 1, Battery - 1	
WARRANTY	<b>Warranty</b>	2	1, 2, 3, 4, 5

\* Bold specifications are the golden parameters.

**Consignees/Reporting Officer and Quantity**

S.No.	Consignee/Reporting Officer	Address	Quantity	Delivery Days
1	Manasvini M Yogi	110007,G-5, CIC Building, Rugby Stadium, University of Delhi, Delhi - 110007	6	15

**EMD Detail**

Required	No
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**ePBG Detail**

Required	No
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**Splitting**

Bid splitting not applied.

**Buyer Specific Additional Terms and Conditions**

1. **Scope of supply (Bid price to include all cost components) :** Only supply of Goods

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

**---Thank You---**