

### Bid Document

Bid Details	
Bid End Date/Time	20-07-2020 18:00:00
Bid Opening Date/Time	20-07-2020 18:30:00
Bid Life Cycle (From Publish Date)	90 (Days)
Bid Offer Validity (From End Date)	30 (Days)
Ministry/State Name	Ministry Of Railways
Department Name	Na
Organisation Name	Chittaranjan Locomotive Works (clw)
Office Name	713331
Total Quantity	1
Item Category	DSLR/ COMPACT / HANDHELD CAMCORDER or VIDEO CAMERAS
Experience Criteria	1 Year (s)
MSE Exemption for Years Of Experience	Yes
Startup Exemption for Years Of Experience	Yes
Document required from seller	Experience Criteria,Certificate (Requested in ATC),OEM Authorization Certificate *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
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.

1. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM

{themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU / Public Listed Company for number of years as indicated in the bid document before the bid opening date. Copies of relevant contracts to be submitted along with bid in support of having supplied some quantity during each of the year. In case of bunch bids, the category of primary product having highest value should meet this criterion.

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

### **Technical Specifications**

\* As per GeM Category Specification

<b>Specification</b>	<b>Specification Name</b>	<b>Values</b>	<b>Bid Requirement (Allowed Values)</b>
TYPE	<b>Classification of Camera</b>	Video	Video
	<b>Type of Camera</b>	Handheld camcorders or Video Cameras	Handheld camcorders or Video Cameras
IMAGE SENSOR	<b>Image Sensor</b>	CMOS	CMOS
	<b>Sensor Size for Fixed Lens Camera (inch)</b>	1	1
	<b>Sensor Size for Interchangeable Lens Camera (mmxmm)</b>	NA	NA
	<b>Effective Pixels (Mega Pixels)</b>	14	14
	<b>ISO (Sensitivity of the image Sensor) Max</b>	3200	3200, 6400, 12800, 25600, 32000, 40000, 51200 Or higher
	Supported Picture or image format	JPEG,RAW	*
OPTICS	<b>Lens Mounting</b>	Fixed	Fixed
	Mount type	-	*
	Type of Lens	Zoom Lens	*
	<b>Minimum Focal Length</b>	25.4	25.4
	<b>Maximum Focal Length</b>	580	580.0
	<b>Minimum Lens Aperture (f/number)</b>	2.8	2.8
	<b>Maximum Lens Aperture (f/number)</b>	4.5	4.5

	<b>Optical Zoom</b>	11X to 15X	11X to 15X
	Digital Zoom (X)	120	*
	Maximum Field of View	120	*
	Focus Mode	Auto,Manual	*
Video Recording	<b>Video Recoding</b>	Yes	Yes
	<b>Maximum Recording Resolution (Pixels)</b>	4K (3840 x 2160)	4K (3840 x 2160)
	<b>Frame Rate</b>	60,120	60, 120
	Video Compression Format	MJPEG,MPEG4,H.264,H.265+,NA	*
	<b>Live Video Streaming</b>	Yes	Yes
	Video Output Port	HDMI,SDI,AV	*
	Video file format	MOV,AVI,XAVC,AVCHD,MP4	*
AUDIO	<b>Audio Recording</b>	Yes	Yes
	Audio Recording Type	Buit-in,External	*
	Number of Audio Input Port	2	*
	Type of Audio input Port	XLR	*
	<b>Audio Output</b>	Yes	Yes
	Number of Audio Output Port	1	*
	Type of Audio output Port	XLR	*
DISPLAY	<b>Display</b>	Yes	Yes
	Display Type	LCD	*
	<b>Touch Screen</b>	No	No
	<b>Display Size (inch)</b>	3.1 - 3.5	3.1 - 3.5
	<b>Vari Angle Screen</b>	Yes	Yes
	<b>View Finder</b>	Yes	Yes
FEATURES	<b>Flash</b>	External (Not inclusive in the scope of supply)	External (Not inclusive in the scope of supply)
	GPS coordinates Stamping onto Videos / photographs	No	*
	Gyro Sensor	Yes	*
	Voice Control	No	*
	Connectivity Interface	Wi-Fi,NFC	*
	Control	App	*

	Supported Operating Systems for App	iOs,Android,Mac OS,Windows	*
	Picture control system	Auto,standard,portrait, monochrome,landscape	*
	Noise reduction Feature	Yes	*
	Flash modes	NA	*
	Shutter type	mechanical	*
	Minimum Shutter Speed	0.04	*
	Maximum Shutter Speed	0.000125	*
	Drive modes	Countinous Shooting	*
	Additional features, if any	-	*
STORAGE	Storage Type	SD	*
	Dual Slot	Yes	*
	SD Card Memory inclusive in the scope of supply (GB)	128	*
	Memory Card expandable upto (GB)	512	*
	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)	2	*
	BATTERY CAPACITY (mAh)	5000	*
	Battery Charger for Rechargeable Batteries	Yes	*
OPERATING CONDITIONS	<b>Minimum Operating Temperature (for land use)</b>	0	0.0
	<b>Maximum Operating Temperature (for land use)</b>	60	60.0
	<b>Operating Humidity,</b>	85	85.0

	<b>Rh at 40 deg C</b>		
GENERIC	<b>Housing construction</b>	Composite polycarbonate outer shell with metallic internal chassis	Composite polycarbonate outer shell with metallic internal chassis
	<b>IP Protection</b>	NA	NA
	<b>Carry Case inclusive</b>	Yes	Yes
	Weight	1.9	*
	Dimension (WxHxD) (mmxmmxmm)	-	*
	List of Items and Quantity of each item included in the offer	-	*
WARRANTY	<b>Warranty</b>	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	Partha Bose	713331,GM Building, CMM Office, Chittaranjan	1	15

### Bid Specific Additional Terms and Conditions

1. Dedicated /toll Free Telephone No. for Service Support : BIDDER/OEM must have Dedicated/toll Free Telephone No. for Service Support.
2. Escalation Matrix For Service Support : Bidder/OEM must provide Escalation Matrix of Telephone Numbers for Service Support.
3. 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.
4. 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---