

Name of Office	:	Office of the Executive Engineer	
Office Address	:	400kV R.S.(O&M) Division, Babhaleshwar, A&P. Pimpari Nirmal, Tq. Rahata, Dist. Ahmednagar – 423107	
Contact No.	:	7768052200 / 7768000276	
Email Id	:	ee5130@mahatransco.in	
Website	:	http://www.mahatransco.in	

Ref:EE/400KV/RS/DN/BBLR/

No - 0284

Date: **11 6 MAY 2025**

To,

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Sub: Work of providing of Digital DSLR camera and allied system for RTC 400 KV Babhaleshwar.

.....**Submission of budgetary offers thereof.**

Dear Sir,

With reference to above subject, sealed and super scribed quotations are invited for the above mentioned work as per enclosed specification in Schedule-A. You are requested to quote lowest possible rates for the subject work as per specification in Schedule-A with following terms and conditions.

TERMS AND CONDITIONS:

1. The quotation must be submitted in sealed envelope duly super scribed with all details as Mentioned below.
 - E-Enquiry No- & Date:
 - Due Date:
 - Quotation for:
2. This budgetary offer should contain following documents certificates (all self attested copies) as a proof of qualifying pre-requisites, brochures, attested certificates etc.
 - Valid Goods & Service Tax (GST) registration certificate.
 - Valid Shop Act Registration / Gram Panchayat NOC.
 - Copy of PAN card.
 - OEM/ Established Supplier letter for support
3. The quotation should reach this office on or before date **23.05.2025 by 12:00 Hrs** and the same shall be opened at 14:00 Hrs. on the same day, if possible.
4. The schedule A is enclosed for your ready reference, please.
5. The quotation must be written with ink or typewritten, any scratching or over writing must be initialed.

6. The validity period of rates should be mentioned in the offer which should be not less than 30 days from the date of opening of quotation.
7. Income Tax & statutory taxes if applicable shall be deducted from your bills as per prevailing Government rules.
8. Beside all the terms & conditions given in this enquiry, the Board's General Conditions of Contract are applicable to this contract.
9. Rates should be quoted both in figures and words.
10. GST No., PAN No., if any should be quoted on your quotation. Xerox copies of each should be attached to the quotation.
11. Details of Taxes if any should be mention clearly; otherwise, the rates quoted by you will be treated as inclusive of all taxes and no extra tax will be paid.
12. Other charges shall be mentioned separately; otherwise, the rates quoted by you will be treated as inclusive of all charges and no extra tax will be paid.
13. The rates should be on firm quotation basis & exclusive of all taxes and any other contingencies etc.
14. The rates quoted by you should be exclusive of GST in "Schedule- A". GST will be quoted extra as per prevailing rules.
15. The Necessary Make and specifications for each unit shall be submitted by duly signed by the agency.
16. Please note that the budgetary offer is for estimation purpose and not considered for any bidding & no work order will be issued based on this enquiry.

Thanking you.


Executive Engineer

 400KV RS Division Babhaleshwar

Copy s.w.r.to: (By e - mail)

1. The Chief Engineer, EHV PC O&M Zone, Nashik.
2. The Superintending Engineer, EHV (O&M) Circle, Nashik.

Copy to: (By e -mail)

1. The Addl. Executive Engineer, Substation Maint. Unit, Babhaleshwar.
2. The Dy. Manager (F&A) 400kVR.S. Division, Babhaleshwar.

Schedule A

Sr. No.	Description of Item	Unit	SAP Code	Ex-Works rate	GST	Total Rate Incl GST
1	Supply of DSLR camera along with all accessories (Tripod Battery charger etc)	Ea	500023723			
2	32GB Memory Card	Ea	500013876			

- *Details of Model name and number alongwith specifications offered for aforesaid shall be enclosed.
**sample specifications are attached for guidelines only.


Executive Engineer
400kV RS Division Babhaleshwar

Details	particulars	Remark
Type		
Type	Digital, single-lens reflex, AF / AE camera with built-in flash	
Recording media	SD memory card, SDHC memory card, SDXC memory card	
Image sensor size	22.3 x 14.9mm	
Compatible lenses	EF lenses (including EF-S lenses) • Excluding EF-M lenses (35mm-equivalent angle of view is that of a lens with 1.6x the focal length indicated.)	
Lens mount	EF mount	
Image Sensor		
Type	CMOS sensor	
Effective pixels	24.1megapixel	
Aspect ratio	3:2	
Dust delete feature	Dust Delete Data appending, Clean manually	
Recording System		
Recording format	Design rule for Camera File System (DCF) 2.0	
Image type	JPEG, RAW (14bit Canon original) RAW+JPEG Large simultaneous recording possible	
Pixels recorded	L (Large): Approx. 24megapixel (6000 x 4000) M (Medium): Approx. 10.6megapixel (3984 x 2656) S1 (Small 1): Approx. 5.9megapixel (2976 x 1984) S2 (Small 2): Approx. 2.5megapixel (1920 x 1280) S3 (Small 3): Approx. 350,000pixel (720 x 480) RAW: 24megapixel (6,000 x 4,000)	
Create / select a folder	Possible	
File numbering	Continuous, Auto reset, Manual reset	
Image Processing During Shooting		
Picture Style	Auto, Standard, Portrait, Landscape, Neutral, Faithful, Monochrome, User Def. 1 - 3	
Basic+	Ambience-based shots, Light / scene-based shots	
White balance	Auto (Ambience priority), Auto (White priority), Preset (Daylight, Shade, Cloudy, Tungsten light, White fluorescent light, Flash),	
Noise reduction	Applicable to long exposures and high ISO speed shots	
Automatic image brightness correction	Auto Lighting Optimizer	
Highlight tone priority	Provided	
Lens peripheral illumination correction	Provided	
Viewfinder		
Type	Eye-level pentamirror	
Coverage	Vertical / Horizontal 95% (with eyepoint 21mm)	
Magnification	0.8x (-1m ⁻¹ with 50mm lens at infinity)	
Eye point	21mm (from eyepiece lens center at -1m ⁻¹)	
Standard diopter	-2.5 - +0.5m ⁻¹ (dpt)	
Focusing screen	Fixed, Precision Matte	
Mirror	Quick-return type	
Depth-of-field preview	Enabled with Custom Function setting	
Autofocus (for viewfinder shooting)		
Type	TTL secondary image-registration, phase-difference detection with the dedicated AF sensor	
AF points	9 point (All AF points support 1/5.6, Cross-type AF with center AF point.)	
Focusing brightness range	EV 0 - 18 (Center AF point) EV 1 - 18 (Other AF points)	
AF operation	One-Shot AF, AI Servo AF, AI Focus AF	
AF-assist beam	Small series of flashes fired by built-in flash	
Exposure Control		
Metering modes	63 zone TTL open-aperture metering Evaluative metering (linked to all AF points)	

Details		particulars		Remark
Metering brightness range		EV 1 - 20 (at room temperature, ISO 100)	Scene Intelligent Auto, Flash Off, Creative Auto, Portrait, Landscape, Close-up, Sports, Food, Night Portrait	
Shooting mode		Basic Zone modes:	Program AE, Shutter-priority AE, Aperture-priority AE, Manual exposure	
		Creative Zone modes:	ISO 100 - 3200 set automatically	
		Basic Zone modes*:	• Portrait: ISO 100 ISO 100 - 6400 set manually (whole-stop increments), ISO 100 - 6400 set automatically, maximum ISO speed settable for ISO Auto, or ISO expansion to "H" (equivalent to ISO 12800)	
ISO speed (Recommended exposure index)		Creative Zone modes:	±5 stops in 1/3- or 1/2- stop increments ±2 stops in 1/3- or 1/2- stop increments (can be combined with manual exposure compensation) Applied in One-Shot AF with evaluative metering when focus is achieved With AE lock button	
Exposure compensation		Manual:		
		AEB:		
AE lock		Auto:		
		Manual:		
Shutter				
Type		Electronically-controlled, focal-plane shutter		
Shutter Speed		1/4 000s to 30s (Total shutter speed range. Available range varies by shooting mode.). Bulb, X-sync at 1/200s		
Flash				
		Retractable, auto pop-up flash		
Built-in flash		Guide No.:	9.2 / 30.2 (ISO 100, in m/ft) or 13 / 42.7 (ISO 200, in m/ft)	
		Flash coverage:	17mm lens angle of view	
		Recharge time:	2s	
External Speedlite		Compatible with EX-series Speedlites		
Flash metering:		E-TTL II autofocus		
Flash exposure compensation		±2 stops in 1/3 or 1/2 stop increments		
FE lock		Provided		
PC terminal		Not provided		
Drive System		Single shooting, Continuous shooting, Self-timer with 10-s or 2-s delay and 10-s delay with continuous shooting		
Drive modes		Maximum 3.0shots/s		
Continuous shooting speed		JPEG Large / Fine:	150 shots	
		RAW:	11 shots	
Maximum burst		RAW+JPEG Large / Fine:	6 shots	
		* Figures are based on testing standards (ISO 100 and Standard Picture Style) using an 8GB card.		
Live View Shooting				
Aspect ratio		3:2, 4:3, 16:9, 1:1		
Focus methods		Contrast detection (FlexiZone-Single, Face detection Live mode), Phase-difference detection (Quick mode)		
Focusing brightness range		EV 1 - 18 (at room temperature, ISO 100)		
Metering mode		Real-time metering with image sensor		
Metering brightness range		EV 0 - 20 (at room temperature, ISO 100)		
Grid display		Two types		

Details	particulars		Remark
Movie Shooting			
Recording format	MOV		
Movie	MPEG-4 AVC / H.264		
Audio	Linear PCM		
	1 920 x 1 080	30p / 25p / 24p	
Recording size and frame rate	(Full HD):	60p / 50p	
	1 280 x 720 (HD):	30p / 25p	
	640 x 480 (SD):		
	* 30p: 29.97fps, 25p: 25.00fps, 24p: 23.98fps, 60p: 59.94fps, 50p: 50.00fps		
	1 920 x 1 080	46Mbps	
Bit rate	(30p / 25p / 24p):	46Mbps	
	1 280 x 720 (60p / 50p):	11Mbps	
	640 x 480 (30p / 25p):		
Focus method	Same as focusing with Live View shooting		
Focusing brightness range	EV 1 - 18 (at room temperature, ISO 100)		
Metering mode	Center-weighted average and Evaluative metering with the image sensor		
Metering brightness range	EV 0 - 20 (at room temperature, ISO 100)		
Exposure control	Autoexposure and manual exposure		
Exposure compensation	±3 stops in 1/3-stop increments		
ISO speed (Recommended exposure index)	With autoexposure shooting:	ISO 100 - 6400 set automatically	
	With manual exposure:	ISO 100 - 6400 set manually	
Video snapshots	Settable to 2s / 4s / 8s		
Sound recording	Built-in monaural microphone		
Grid display	Two types		
Still photo shooting	Not possible during movie shooting		
LCD Monitor			
Type	TFT color liquid-crystal monitor		
Monitor size and dots	7.62cm (3.0in) (4:3) with 920 000 dots		
Brightness adjustment	Manual (7 levels)		
Interface languages	25		
Feature guide	Displayable		
Playback			
Image display format	Basic info, basic info + image quality / playback number, shooting info, display, histogram, index display (4 / 9)		
Zoom magnification	1.5x - 10x		
Highlight alert	Overexposed highlights blink		
Image browsing method	Single image, jump by 10 or 100 images, by shooting date, by folder, by movies, by stills, by rating		
Image rotation	Possible		
Rating	Provided		
Movie playback	Enabled (LCD monitor, HDMI) Built-in speaker		
Image protect	Possible		
Slide show	All images, by date, by folder, by movies, by stills, by rating		
Background music	Five transition effects selectable		
Post-Processing of Images	Selectable for slide shows and movie playback		
Creative filters	Grainy BW, Soft focus, Fish-eye effect, Toy camera effect, Miniature effect		
Resize	Possible		
Direct Printing			
Compatible printers	PictBridge-compatible printers		

Details	particulars	Remark
Printable images	JPEG and RAW images	
Print Ordering	DPOF Version 1.1 compatible	
Wireless Communications		
Standards compliance	IEEE 802.11b/g/n	
Transmission method	DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n) 15m / 49.2ft	
Transmission range	*When communicating with a smartphone *With no obstructions between the transmitting and receiving antennas and no radio interference	
Transmission frequency (central frequency)	Frequency: 2.412 to 2.462MHz Channels: 1 to 11ch	
Connection method	Camera access point mode, infrastructure*	
Security	Authentication method: Open system, Shared key, WPA / WPA2 PSK Encryption: WEP, TKIP, AES	
NFC connection	For communication with smartphones or connection to Connect Station	
Wi-Fi Functions		
Communication with a smartphone	Images can be viewed, controlled, and received using a smartphone.	
Transfer images between cameras	Transferring one image. Transferring selected images. Transferring resized images	
Connect to Connect Station	Images can be sent to and saved on Connect Station.	
Print from Wi-Fi printers	Images can be sent to a Wi-Fi printer.	
Send images to a Web service	Images in the camera or links to images can be sent to registered Web services.	
Customization Features		
Custom Functions	11	
My Menu	Possible	
Copyright information	Text entry and appending possible	
Interface		
DIGITAL terminal	Hi-Speed USB equivalent: Computer communication.	
HDMI mini OUT terminal	Type C (Auto switching of resolution)	
Remote control terminal	For Remote Switch RS-60E3	
Eye-Fi card	Compatible	
Power		
Battery	Battery Pack LP-E10 (Quantity 1)	
Number of possible shots	With viewfinder 500 shots at room temperature (23°C / 73°F) 739 shots at low temperatures (0°C / 32°F)	
(Based on CIPA testing standards, with 50% flash use)	With Live View shooting: 240 shots at room temperature (23°C / 73°F), 230 shots at low temperatures (0°C / 32°F) *With a fully-charged Battery Pack LP-E10	
Movie shooting time	1h 30m at room temperature (23°C / 73°F) 1h 25m at low temperatures (0°C / 32°F)	
Dimensions and Weight		
Dimensions (W x H x D)	129.0 x 101.3 x 77.6mm / 5.08 x 3.99 x	
Weight	475g / 16.75oz (including battery and card), 427g / 15.06oz (body only)	
Operation Environment		
Working temperature range	0°C - 40°C / 32°F - 104°F	
Working humidity	85%	