



COLLEGE OF ENGINEERING KIDANGOOR
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No:CEK/D/315/2022

Dated: 22.03.2022

QUOTATION NOTICE

Competitive quotations are invited from qualified firms for the supply of **DSLR Camera** with specification mentioned below :

| Serial no. | Name | Specifications | | Quantity |
|------------|-------------|------------------|-----------------------------------------------------------------|----------|
| 1 | DSLR camera | Type | Digital, single-lens reflex, AF / AE camera with built-in flash | 1 |
| | | Recording media | SD memory card, SDHC memory card, SDXC | |
| | | Image sensor | Approx. 22.3 x 14.9mm | |
| | | Image Sensor | CMOS sensor | |
| | | Effective pixels | Approx. 18.0megapixel * Rounded to the nearest | |
| | | Recording format | Design rule for Camera File System (DCF) 2.0 | |
| | | Image type | JPEG, RAW (14bit Canon original) | |

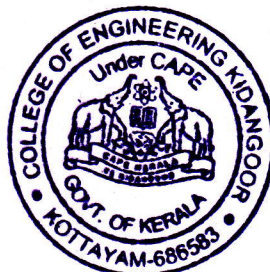
The last date and time for receiving quotations: 31-03-2022, 11.00 AM

Date and time for opening quotations: 31-03-2022, 12.30 PM

The rates of Govt Quotations are applicable for these quotations also. The decision taken in the matter by the undersigned will be final.

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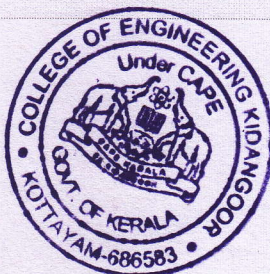
Encl: Detailed specification of DSLR Camera is attached herewith



DSLR Camera Specifications

| | | |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|
| 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 | Approx. 22.3 x 14.9mm | |
| Image Sensor | CMOS sensor | |
| Effective pixels | Approx. 18.0megapixel * Rounded to the nearest 100 000 | |
| Aspect ratio | 3:2 | |
| Recording format | Design rule for Camera File System (DCF) 2.0 | |
| Image type | JPEG, RAW (14bit Canon original) RAW+JPEG Large simultaneous recording possible | |
| Type | Eye-level pentamirror | |
| Coverage | Vertical / Horizontal approx. 95% (with eyepoint approx. 21mm) | |
| Magnification | Approx. 0.8x (-1m ⁻¹ with 50mm lens at infinity) | |
| Eye point | Approx. 21mm (from eyepiece lens center at -1m ⁻¹) | |
| Standard diopter | Approx. -1.0m ⁻¹ (dpt) | |
| Focusing screen | Fixed, Precision Matte | |
| Mirror | Quick-return type | |
| Depth-of-field preview | Enabled with Custom Function setting | |
| Metering modes | 63 zone TTL open-aperture metering | |
| Drive modes | Single shooting, Continuous shooting, Self-timer with 10s or 2s delay and 10s delay with continuous shooting | |
| Continuous shooting speed | Maximum 3.0 shots/s | |
| Max. burst (Approx.) | JPEG Large / Fine: | Full |
| | RAW: | 6 shots |
| | RAW+JPEG Large / Fine: | 5 shots |
| 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) Manual focus (approx. 5x / 10x magnification possible) | |
| 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 | |
| Movie Shooting | | |
| Recording format | MOV | |
| Movie | MPEG-4 AVC / H.264 Variable (average) bit rate | |
| Audio | Linear PCM | |
| Standards compliance | IEEE 802.11b/g/n | |
| Transmission method | DS-SS modulation (IEEE 802.11b) OFDM modulation (IEEE 802.11g/n) | |
| Transmission range | Approx. 15m / 49.2ft | |
| 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 | |
| Wi-Fi Functions | | |
| Communication with a smartphone | Images can be viewed, controlled, and received using a smartphone. Remote control of the camera using a smartphone is possible. | |
| Transfer images between cameras | Transferring one image, Transferring selected images, Transferring resized images | |
| 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. | |
| Battery | Battery Pack LP-E10 (Quantity 1) | |
| Number of possible shots (Based on CIPA testing standards, with 50% flash use) | With viewfinder shooting: | Approx. 500 shots at room temperature (23°C / 73°F), Approx. 410 shots at low temperatures (0°C / 32°F) |
| | With Live View shooting: | • 180 shots at room temperature (23°C / 73°F). Approx. 170 shots at low temperatures (0°C / 32°F) |
| | *With a fully-charged Battery Pack LP-E10. | |
| Movie shooting time | Approx. 1h 15m at room temperature (23°C / 73°F) Approx. 1h 10m at low temperatures (0°C / 32°F) * With a fully-charged Battery Pack LP-E10. | |
| Dimensions (W x H x D) | Approx. 129.0 x 101.6 x 77.1mm / 5.08 x 4.00 x 3.04in | |
| Weight | Approx. 436g / 15.38oz (Including battery and card), Approx. 389g / 13.72oz (Body only) | |
| Working temperature range | 0°C - 40°C / 32°F - 104°F | |
| Working humidity | 85% or less | |



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