



राष्ट्रीय पादप जीनोम अनुसंधान संस्थान

(जैव प्रौद्योगिकी विभाग, विज्ञान एवं प्रौद्योगिकी मंत्रालय, भारत सरकार का स्वायत्त अनुसंधान संस्थान)

NATIONAL INSTITUTE OF PLANT GENOME RESEARCH

(An Autonomous Institution of the Department of Biotechnology, Ministry of Science and Technology, Government of India)

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Aruna Asaf Ali Marg, Post Box Number 10531, New Delhi-110067

NIPGR/NIQ/CAM/13-14

Dec 20, 2013

M/s as per list attached

Sub: Invitation of sealed Quotation

Sir,

We are interested to purchase **01 no. Digital SLR Camera** for the laboratory of our Institute as per the following specifications:

- | | | |
|--------------------------------|---|---|
| 1. Camera type | : | Digital single lens reflex(DSLR) |
| 2. Effective pixels | : | ~ 24 million or better |
| 3. Image sensor type | : | CMOS or better |
| 4. Image sensor size | : | 23.2X15.4mm or better |
| 5. Image format | : | RAW +JPEG |
| 6. Storage media | : | SD and UHS-I compliant SDHC and SDXC; memory card |
| 7. View finder | : | Required: Eye level penta mirror single lens reflex view finder |
| 8. Frame view finder | : | 95% horizontal and vertical or better |
| 9. Diopter adjustment | : | -1.7 to +0.5m-1 or better |
| 10. Shutter type | : | Electronically-controlled, vertical travel, focal-plane shutter; 1/4000 to 30s in steps of 1/3 EV or better; Bmb; X=1/200s; synchronis with at 1/200s or slower |
| 11. Flash sync. speed | : | single frame, continuous self time (2s,5s,10s,20s; 1-9 |
| 12. Release mode | : | exposer or better), delayed remote, quick response remote(preferable) |
| 13. Exposure metering | : | TTL exposure metering 420 pixel RGB color; 3D color matrix metering II (type G and D lenses); color matrix metering II (other CPV lenses); contra-weight metering (75% 9mm & 8mm circle in centre of the frame or better); spot metering (3.5mm circle centered on selected focus point). |
| 14. Exposure compensiabatation | : | -5to +5 EV in increments of 1/3 EV or better. |
| 15. ISO sensitivity | : | ISO 100-6400 in steps 1EV or better; available with into ISO sensitivity contrast |
| 16. Focus | : | Multicam-4800DX autofocus sensor module with TTL phase detection , 39 focus points (including 9 cross type sensor) or better; Detection range of -1 to +19EV or better; autofocus option single servo (AF-S); continuous servo autofocus (AF-C), auto AF-S/AF-C selection), manual focus option, electronic range finder. |

17. Autofocus (AF) Area mode :	Single point AF, 9-, 21-or 39-point dynamic area AF, 3D tracking, auto area AF.
18. Flash :	Build in flash along with provision for external flash attachment; flash compensation of -3 to +1EV in increments of 1/3 EV or better; fitted with flash ready indicator
19. Monitor :	~7.5cm/3 in or better, 100% frame coverage & with brightness correction option.
20. Interface :	hi-speed USB, NTSC/PAL video output, with HDMI output.
21. Power supply :	via EN-AL14 Rechargeable Li-ion battery & AC adaptor
22. Tripod socket :	1/4 in (ISO 1222 or better)
23. Supplied Accessories :	a) EN-EL14 Rechargeable Li-ion battery, b) EH-5b Ac Adapter, c) DK-20, Rubber eye cup, d) DK-5 eye piece CAP, e) MH-24 Quick Charger, f) Strap AN-DC3 g) Accessory Shoe Cap BS-I h) ViewNX 2 i) AV Cable EG-CP16 j) Compatible Tripod stand k) AF-S 18-55mm VR Kit Lens

Required Extra macro lens compatible for DSLR mentioned above with following modification

Lens Construction (Groups/Elements)	9/10
Angle of View	27
Diaphragm Blade Number	9
Minimum Focus Distance	11.4in.(0.29m)
Macro Magnification Ratio	1:1
Filter Diameter	55
Weight	405g (14.3oz)
Diameter x Length	2.8 x 3.8in (71.5 x 97mm)
Accessory	Lens hood, Case

You are therefore requested to please send your offer indicating the maximum discount offered, along with a copy of Catalogue/Dealership certificate. The quotations must accompany a Demand Draft amounting to Rs. 1600/- (Rupees One Thousand Six Hundred only), being the EMD in the name of Director, NIPGR, New Delhi and must be send in a **Scaled Envelope** duly super-scribed on top of envelope as "**Quotation for Digital ALR Camera**" so as to reach to the undersigned latest by **09/01/2014 (3.00 PM)**, the same shall be opened on **10/01/14 at 3.30 PM**.

भवदीय

क्रय एवं भंडार अधिकारी