

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
INDIAN INSTITUTE OF REMOTE SENSING
IIRS

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DEHRADUN
PURCHASE & STORES
INVITATION TO TENDER

Date :27/06/2013

M/s

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Our Ref No : GIRS 2013-000093-01

Tender Due: 15:00 Hrs ISTon 18/07/2013

Dear Sirs,

Please submit your sealed quotation , in the Tender Form enclosed here along with the descriptive catalogues / pamphlets /literature ,superscribed with Our Ref.No. and Due Date for the supply of the following items as per the terms & conditions mentioned in Annexure(Form No:)

S.No.	Description of Items with Specifications	Unit	Quantity
1	GPS ENABLED VIDEO CAMERA (SPECIFICATIONS AS PER ANNEXURE ENCLOSED)	NO	1


DELIVERY AT: IIRS

MODE OF DESPATCH DOOR DLVRY

DUTY EXEMPTIONS

SPECIAL INSTRUCTIONS NIL

SPECIFIC TERMS


P.GOPALAKRISHNAN
PURS. & STORES OFFICER
For and on behalf of the President of India
The Purchaser

o/c

Terms & Conditions:

1. Material should be delivered & installed at IIRS
2. Payment will be made within 30 days from date of receipt of supply and acceptance of the material for orders value upto Rs.2.0 lakhs.
3. We cannot furnish Form C/D. Please indicate the applicable percentage of Trade tax / VAT in your quotation, if applicable. Otherwise the quoted rate will be considered as inclusive of all taxes.
4. Clearly mention the Make / Brand of the item in your quotation. Please enclosed the Authorization Certificate from the principal of the quoted Make / Model along with the quotation.
5. Also clearly mention the exact delivery period and validity of your offer shall be min 60 days.

Annexure I

Specifications for GPS enabled Video Camera:

1. Effective Pixels: 16 – 20 MP
2. Lens: 20x – 70x optical zoom
3. GPS: 1575.42 MHz (C/A code), Geodetic system – WGS 84
4. Monitor: 3 inch LCD screen, minimum resolution of 90000 dots
5. Shutter Speed: Auto mode, scene mode, special effects mode (4” – 1/4000 s)
6. Shutter: Mechanical and CMOS electronic shutter
7. Image sensor: 1/2.3-in. type CMOS; approx. 17 million total pixels
8. Focal length: 4 – 180 mm
9. Aperture: F2.8 to F9 for auto or manual mode
10. Focus range: Approximately 10 cm to Infinity
11. ISO sensitivity: Auto or Manual (100 – 10000)
12. Vibration reduction: Should be able to handle Lens shift and also during movement of camera so that it should not affect the picture quality.
13. Autofocus (AF): Contrast-detect AF and face detection at least up to 6 persons
14. Frame coverage (shooting mode): Approx. 100% horizontal and 100% vertical (compared to actual picture).
15. Monitor: 7.5-cm (3-inch), wide viewing angle TFT LCD monitor with anti-reflection coating and 5-level brightness adjustment
16. Storage file format: Still pictures: JPEG 3D pictures: MPO Sound files (voice memo): WAV Movies: MOV (Video: H.264/MPEG-4 AVC, Audio: AAC stereo)
17. Image size (pixels): 16 M 4608x3456 8 M 3264x2448 4 M 2272x1704 2 M 1600x1200 VGA 640x480 16:9 12M 4608x2592 16:9 2M 1920x1080 3:2 4608x3072 1:1 3456x3456
18. Shooting Modes: Auto, Scene (Scene auto selector, Close-up, Portrait, Food, Sports, Museum, Night portrait, Fireworks show, Party/indoor, Black and white copy, Beach, Panorama, Snow, Pet portrait, Sunset, 3D photography, Dusk/dawn, Night landscape, Landscape, Backlighting), Special effects, User settings
19. Movie: HD 1080p: 1920 x 1080/approx. 30 fps, HD 720p: 1280 x 720/approx. 30 fps, iFrame 540: 960 x 540/approx. 30 fps, VGA: 640 x 480/approx. 30 fps, HS 120 fps: 640 x 480/approx. 120 fps, HS 60 fps: 1280 x 720/approx. 60 fps, HS 15 fps: 1920 x 1080/approx. 15 fps
20. Exposure control: Programmed auto exposure with flexible program, shutter priority auto, aperture-priority auto, manual, exposure bracketing, motion detection, exposure compensation (-2.0 to +2.0 EV in steps of 1/3 EV)
21. Interface:
 - Video Output
 - PC/AV terminal
 - USB
 - USB 2.0 (High speed)
 - HDMI terminal
 - Should be able to link up with the computer.
22. Power:
 - Battery should at least last for 250 or more still shots when fully charged.
 - Battery should at least last for 1 – 2 hrs in movie mode when fully charged.
23. Compatibility: Windows 7, Vista or XP
24. Storage Internal Capacity should minimum of 80 MB
25. Operating environment:
 - Temperature – 0°C to 40°C (32°F to 104°F)
 - Humidity – Less than 85% (no condensation)