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सिक्किम विश्वविद्यालय
SIKKIM UNIVERSITY

6th Mile, Samdur, Tadong -737102
Gangtok, Sikkim, India
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(भारत के संसद के अधिनियम द्वारा वर्ष 2007 में स्थापित और नैक (एनएएसी) द्वारा वर्ष 2015 में प्रत्यायित केंद्रीय विश्वविद्यालय)
(A central university established by an Act of Parliament of India in 2007 and accredited by NAAC in 2015)

LIMITED TENDER NOTICE II

Ref. No.: SU/2018/Dept.Z/PNMHS/SKES&BCSECOLSDSH:MP&DIS/DR.BKA/4035/297 **Date:** 17/05/2018

Limited Tender Notice for supply and installation of Equipments for National Mission on Himalayan Studies funded Project at the Department of Zoology, Sikkim University

Sealed Quotations in prescribed format are invited from eligible and authorized agencies for the supply and installation of the following Equipments for National Mission on Himalayan Studies funded Project at the Department of Zoology, Sikkim University under the Project “Key ecosystem services and biodiversity components in socio-ecological landscapes of Darjeeling-Sikkim Himalaya: Deriving management & policy inputs and developing mountain biodiversity information system”, as per the details given below:

Sl. No.	Name of equipment	Specifications	Quantity
1	Binoculars	Nikon ACUON A211 10-22X50 Binocular (50 mm, Black), NIKON Product Specification Focusing-Central Focus; Magnification 10-22X; Objective- Diameter 50mm; Angular Field of View (Real)-3.8°; Angular Field of View (Apparent)-36.7°; FOV at 1000yds-199ft ; Close Focus Distance- 49.2@10x ft; Exit Pupil- 2.3-5 mm; Relative Brightness-25@10x; Eye Relief 8.6 mm@10x; Size (Length x Width)- 7.8x7.8 in ; Weight-33.9 oz; Prism- Porro; Durable Rubber-Armored Coating.	4
2	Rangefinder	Nikon Aculon 6x20 Laser, AL11 Rangefinder, NIKON Product Specification Measurement Range- 6 to 550 yds; Increment	2

		<p>Reading- 1 yds, Magnification- 6X; Angular Field of View (Real)- 6°; Angular Field of View (Apparent)- 43°; Viewfinder Display – meter/yards; Eye Relief- 18 mm; Diopter Adjustment - ±4°; Power Source 1CR2 Lithium Battery ; Objective Diameter- 20 mm; Exit Pupil- 3.3 mm</p>	
3	Digital SLR Camera with lens	<p>1. Nikon D5300 with Nikon AF-P DX NIKKOR 18 - 55 mm F/3.5 - 5.6G VR Lens and AF-P DX NIKKON 70-300 mm, NIKON</p> <p>Product Specification</p> <p>Pixel Mode Effective Pixels- 24.2; Shooting Modes- Auto Modes (Auto: Auto, Programmed Auto with Flexible Program, Shutter-priority Auto, Aperture-priority Auto, Manual, Scene Modes, Special Effects; Tripod Socket- required; Wifi- required; Face Detection- required; Temperature- 0°C - 40°C; Accessory Shoe- ISO 518 Hot-shoe with Sync, Data Contacts and Safety Lock</p> <p>Sensor Features Sensor Type- CMOS; Image Sensor Size- 23.5 x 15.6 mm.</p> <p>Lens Features Focal Length- 18 - 55 mm, 70 - 300 mm; Lens Type- Single-lens, Interchangeable Lens; Lens Mount- Nikon F Mount (with AF Contacts); Dust Reduction- Required; Compatible Lens- Nikkor Lens; Manual Focus- Required; Other Lens Features- Lens Aperture: Instant Return, Electronically Controlled, Compatible Lenses needed.</p> <p>View finder Features View Finder- Required; View Finder Type- Eye-level Penta mirror Single-lens Reflex Viewfinder; Viewfinder Magnification- 0.82x (50 mm f/1.4 Lens at Infinity, -1.0 m-1); Viewpoint Dioptic Adjustment- Diopter Adjustment: -1.7 to +1.0 m-1; Viewfinder Eye Point- 18; Viewfinder (Frame Coverage: 95% Horizontal and 95% Vertical)</p> <p>Focus Features Focus Range- Detection Range (-1 to +19 EV); Auto Focus: Required, Focus Points- 39 or 11 Focus Points; White Balancing- Auto, Incandescent, Fluorescent, Direct Sunlight, Flash, Cloudy, Shade, Focus Features- Autofocus (Nikon Multi-CAM</p>	

4800DX Autofocus Sensor Module, AF-assist Illuminator (Range 0.5 - 3 m), 39 Focus Points (Including 9 Cross-type Sensor), AF-area Mode (Single-point AF, 9-, 21- or 39- Point Dynamic-area AF, 3D-tracking, Auto-area AF, Focus Lock: Required

Exposure Features

Exposure Mode- Manual, Automatic; Exposure Compensation- 1/3 EV Steps +/- 5.0 EV (In P, S, A and M Modes); Exposure Bracketing- 3 Shots in Steps of 1/3 or 1/2 EV; Other Exposure Features- Special Effects Modes (Night Vision, Color Sketch, Toy Camera Effect, Miniature Effect, Selective Color, Silhouette, High Key, Low Key, HDR Painting), Exposure Lock (Luminosity Locked at Detected Value with AE-L/AF-L Button)

Shutter Features

Shutter Speed-1/4000 sec;
Release Modes- Single Frame, Continuous L, Continuous H, Quiet Shutter Release, Self-timer, Delayed Remote, ML-L3, Quick-response Remote, ML-L3, Interval Timer Photography Supported; Self-timer- Required; Continuous Shots- Required, 3 fps (Continuous L), 5 fps (Continuous H, JPEG and 12-bit NEF / RAW or 4 fps 14-bit NEF / RAW); Shutter Type- Electronically-controlled Vertical-travel Focal-plane Shutter.

Flash Features

Built-in Flash- Required; External Flash- Required; Flash Modes- Auto, Auto with Red-eye Reduction, Auto Slow Sync, Auto Slow Sync with Red-eye Reduction, Fill-flash, Red-eye Reduction, Slow Sync, Slow Sync with Red-eye Reduction, Rear-curtain with Slow Sync, Rear-curtain Sync, Off; Flash Compensation- 1/3 EV, 1/2 EV Increments in -3 to 1 EV

Image Features

Image Size- 6000 x 4000 (Large); Image Format- NEF (RAW): 12- or 14 bit, Compressed JPEG Baseline Compliant, Compression NEF (RAW)+JPEG; Red Eye Reduction- Required

Video Features

Video Resolution- 1920 x 1080;
Video Quality- HD, Full HD; Video Format- MOV, H.264 / MPEG-4 Advanced Video Coding; Other Video Features- Video Output (NTSC, PAL)

		<p>Audio Features Microphone- Built-in Stereo Microphone; Other Audio Features- Audio Format: Linear PCM, Audio Recording Device (Built-in or External Stereo Microphone, Sensitivity Adjustable)</p> <p>Display Features Display Type- TFT LCD; Display Size- 3.2; Display Resolution- 1036800; Other Display Features- Effective Angle of View (Nikon DX Format, Focal Length Equivalent to 1.5x that of Lenses with FX Format Angle of View), Monitor (100% Frame Coverage and Brightness Adjustment), Playback (Full-frame and Thumbnail (4, 12 or 80 Images or Calendar) Playback with Playback Zoom, Movie Playback, Photo and/or Movie Slide Shows, Histogram Display, Highlights, Auto Image Rotation, Picture Rating and Image Comment (Upto 36 Characters), Vari-angle TFT Monitor with 170° Viewing Angle, Image Resolution Display: 1,036,800 dots</p> <p>Storage Features Compatible Card- SD Card</p> <p>Power Features Batteries – should be included; Battery Type- Lithium Battery</p> <p>Additional Features Other Features- Picture Control System (Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, Storage for Custom Picture Controls), Active D-lighting, Operating Frequency (2412 - 2462 MHz (Channels 1 - 11), Tripod Socket: 1/4 inch (ISO 1222), Humidity: 85% (No Condensation), Connectivity: Accessory Terminal (Wireless Remote Controllers, Remote Cords, GPS Units), Communications Protocols (IEEE 802.11b: DSSS/CCK IEEE 802.11g: OFDM), Data Rate (54 Mbps Maximum Logical Data Rates According to IEEE Standard), Security (Authentication: Open System, WPA2-PSK Encryption: AES), Wireless Setup, Access Protocols, Receiving Frequency: 1575.42 MHz (C/A Code), WGS84 Geodesics, Power Supply: AC Adapter MH-24, Supported Language: 30, SDXC, SDHC Card</p> <p>2. Sigma 70 - 300 mm F4-5.6 DG Macro for Nikon Digital SLR Lens. SIGMA</p>	
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		<p>Product Specification</p> <p>General Brand- Sigma; Name- Macro; Model- 70 - 300 mm F4-5.6 DG Macro for Nikon Digital SLR; Color- Black; Type- Telephoto Zoom; Prime/Zoom- Zoom; Lens Type- Telephoto; Filter Attachment Size- 58 mm; Minimum Aperture- 22 – 32.</p> <p>Compatibility Features Compatible with NIKON D5, DF, D610, D750, D800, D800E, D810, D810A, D850, D300, D3100, D3200, D3300, D3400, D5000, D5100, D5200, D5300, D5500, D5600, D7000, D7100, D7200, D7500; Suitable For Wildlife</p> <p>Lens Features Lens Construction (Elements/Groups)- 14 Elements in 10 Groups; Angle of View- 34.3° to 8.2°</p> <p>Performance Features Maximum Focal Length- 300 mm; Minimum Focal Length- 70 mm; Aperture with Max Focal Length- f/4 - 5.6; Aperture with Min Focal Length- f/22 – 32; Maximum Magnification (x)- 01:04</p> <p>Dimensions Dimensions- approx: 76.6 x 119.5 mm (Diameter x Length); Weight- approx 500 g</p>	
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Terms and Conditions

1. The products quoted should be of specified make and model as in Item Description table.
2. Warranty duration – 1 year for total equipments.
3. Sealed quotation should be submitted along with Covering Letter, Annexure I – Company Profile (with signed photocopies of relevant documents) and Annexure II – Technical and Financial bid (signed and sealed in official letter head). The sealed envelope should be superscribed as “Quotation for supply and installation of Equipments (II) for NMHS Project at Department of Zoology, Sikkim University”. The sealed quotations have to be submitted by : **07 June 2018**
4. An amount of Rs. 500/- (non-refundable) in the form of Demand Draft as the cost of downloaded tender form and Earnest Money Deposit (EMD) of Rs. 3000/- in the form of Demand Draft of any Scheduled /Nationalised Bank favouring ‘Sikkim University’, payable at Gangtok and has to be submitted along with the sealed quote.
5. Delivery and installation will be done in the Department of Zoology, Sikkim University, Gangtok.
6. Bid should be strictly submitted as per the format given in Annexure I and Annexure II in the official letter head of the firm. Any alteration of the bid format will result in disqualification of the quote.
7. The delivery of goods would be done at the risk and cost of the supplier and all products delivered would be approved only after the examination of the same by the Project Purchase Committee.
8. The rate should be quoted including all costs such as labour charges, materials, transportation etc.. No other extra charges will be entertained under any circumstances over and above the total cost quoted in the financial bid.
9. The point of delivery is as follows: Department of Zoology, Sikkim University, Barad Sadan, 5th Mile, Tadong, Gangtok, Pin: 737102, Sikkim.
10. All support related to maintenance and service should be onsite during the warranty period.
11. Payment will be made after successful delivery, inspection and installation of the goods. EMD amount of vendor who is awarded the work will be kept as performance guarantee during the warranty period.
12. The University will facilitate arrangement of waybill from Government of Sikkim by paying applicable charges which shall be subsequently recovered from the final bill of the successful bidder if applicable.
13. The items should be supplied and installed within 30 days of receiving of the supply order.
14. All bidding documents should be sent to the University in a sealed format by registered or speed post at the below postal address on or before the last date mentioned above and should be addressed to:
Dr. Bhoj K. Acharya, Assistant Professor & PI
Department of Zoology
Sikkim University, Barad Sadan, 5th Mile, Tadong,
Gangtok, Sikkim. Pin: 737102
15. For any further information please contact Systems Management at 03592- 251186.
16. Arbitration of all disputes related to the procurement, delivery and service of the goods would be done in the Gangtok jurisdiction, Sikkim.

Note: Annexure I, II should be submitted in the official letter head of the firm.

Sd/-
Registrar

Annexure-I

COMPANY PROFILE AND FEE DETAILS

Ref. No.:

Dated:

**LIMITED TENDER NOTICE – supply and installation of Equipments for NMHS Project at
Department of Zoology, Sikkim University**

Bidding company reference no.: **Date:**

FOLLOWING DETAILS ARE TO BE FURNISHED BY THE BIDDING FIRM

1. Name of the Firm:
2. Address of the Firm:
3. Contact no:
4. Email address:
5. Registration details:
6. Permanent Account Number:
7. Service Tax registration details:
8. Bank Account details including Account Number, Bank name, Branch name & IFSC code:
9. Application fee details – Name of Bank DD no. Date:
..... Amount
10. EMD fee details – Name of Bank DD no. Date:
..... Amount.....

Note: Copies of the relevant documents are to be enclosed along with this annexure.

Declaration:

I/We hereby declare that I/We have read & understood all the terms & conditions mentioned in the Notice Inviting the sealed quotations and I/We undertake myself/ourselves to abide by them.

I/We further, declare that all the information given above are true.

Name:

Designation:

Signature:

[Official Seal]:

Place:

Date:

Annexure II

TECHNICAL AND FINANCIAL BID

Ref. No.:

Dated:

**LIMITED TENDER NOTICE – supply and installation of Equipments for NMHS Project at
Department of Zoology, Sikkim University**

Bidding company reference no.: **dated:**

**TABLE 1 AND TABLE 2 ARE TO BE FURNISHED BY THE BIDDING FIRM FOR
TECHNICAL BID**

Table 1: Product Make and Model

Sl. No.	Item Details	Quantity	Quoted product Make and Model
1.	Binoculars	4	
2.	Rangefinder	2	
3.	Digital SLR Camera with lens	1	

Table 2: Eligibility criteria fulfillment

Sl. no.	Item Details	Product Eligibility criteria	Please state in (Yes/No) whether the quoted product fulfills the product eligibility criteria
1.	Binoculars	Nikon ACUON A211 10-22X50 Binocular (50 mm, Black), NIKON Product Specification Focusing-Central Focus; Magnification10-22X;Objective- Diameter 50mm; Angular Field of View (Real)-3.8°;Angular Field of View (Apparent)-36.7°; FOV at 1000yds-199ft ; Close Focus Distance- 49.2@10x	

		ft; Exit Pupil- 2.3-5 mm; Relative Brightness-25@10x; Eye Relief 8.6 mm@10x; Size (Length x Width)- 7.8x7.8 in ; Weight-33.9 oz; Prism- Porro; Durable Rubber-Armored Coating.	
2.	Rangefinder	<p>Nikon Aculon 6x20 Laser, AL11 Rangefinder, NIKON</p> <p>Product Specification Measurement Range- 6 to 550 yds; Increment Reading- 1 yds, Magnification- 6X; Angular Field of View (Real)- 6°; Angular Field of View (Apparent)- 43°; Viewfinder Display – meter/yards; Eye Relief- 18 mm; Diopter Adjustment - ±4°; Power Source 1CR2 Lithium Battery ; Objective Diameter- 20 mm; Exit Pupil- 3.3 mm</p>	
3.	Digital SLR Camera with lens	<p>1. Nikon D5300 with Nikon AF-P DX NIKKOR 18 - 55 mm F/3.5 - 5.6G VR Lens and AF-P DX NIKKON 70-300 mm, NIKON</p> <p>Product Specification Pixel Mode Effective Pixels- 24.2; Shooting Modes- Auto Modes (Auto: Auto, Programmed Auto with Flexible Program, Shutter-priority Auto, Aperture-priority Auto, Manual, Scene Modes, Special Effects; Tripod Socket-required; Wifi- required; Face Detection-required; Temperature- 0°C - 40°C; Accessory Shoe- ISO 518 Hot-shoe with Sync, Data Contacts and Safety Lock</p> <p>Sensor Features Sensor Type- CMOS; Image Sensor Size- 23.5 x 15.6 mm.</p> <p>Lens Features Focal Length- 18 - 55 mm, 70 - 300 mm; Lens Type- Single-lens, Interchangeable Lens; Lens Mount- Nikon F Mount (with AF Contacts); Dust Reduction- Required; Compatible Lens- Nikkor Lens; Manual Focus- Required; Other Lens Features- Lens Aperture: Instant Return, Electronically Controlled, Compatible Lenses needed.</p> <p>View finder Features View Finder- Required; View Finder Type-</p>	

Eye-level Penta mirror Single-lens Reflex Viewfinder; Viewfinder Magnification- 0.82x (50 mm f/1.4 Lens at Infinity, -1.0 m-1); Viewpoint Dioptric Adjustment- Diopter Adjustment: -1.7 to +1.0 m-1; Viewfinder Eye Point- 18; Viewfinder (Frame Coverage: 95% Horizontal and 95% Vertical)

Focus Features

Focus Range- Detection Range (-1 to +19 EV); Auto Focus: Required, Focus Points- 39 or 11 Focus Points; White Balancing- Auto, Incandescent, Fluorescent, Direct Sunlight, Flash, Cloudy, Shade, Focus Features- Autofocus (Nikon Multi-CAM 4800DX Autofocus Sensor Module, AF-assist Illuminator (Range 0.5 - 3 m), 39 Focus Points (Including 9 Cross-type Sensor), AF-area Mode (Single-point AF, 9-, 21- or 39-Point Dynamic-area AF, 3D-tracking, Auto-area AF, Focus Lock: Required

Exposure Features

Exposure Mode- Manual, Automatic; Exposure Compensation- 1/3 EV Steps +/- 5.0 EV (In P, S, A and M Modes); Exposure Bracketing- 3 Shots in Steps of 1/3 or 1/2 EV; Other Exposure Features- Special Effects Modes (Night Vision, Color Sketch, Toy Camera Effect, Miniature Effect, Selective Color, Silhouette, High Key, Low Key, HDR Painting), Exposure Lock (Luminosity Locked at Detected Value with AE-L/AF-L Button)

Shutter Features

Shutter Speed-1/4000 sec;
Release Modes- Single Frame, Continuous L, Continuous H, Quiet Shutter Release, Self-timer, Delayed Remote, ML-L3, Quick-response Remote, ML-L3, Interval Timer Photography Supported; Self-timer- Required; Continuous Shots- Required, 3 fps (Continuous L), 5 fps (Continuous H, JPEG and 12-bit NEF / RAW or 4 fps 14-bit NEF / RAW); Shutter Type- Electronically-controlled Vertical-travel Focal-plane Shutter.

Flash Features

Built-in Flash- Required; External Flash- Required; Flash Modes- Auto, Auto with Red-eye Reduction, Auto Slow Sync, Auto

Slow Sync with Red-eye Reduction, Fill-flash, Red-eye Reduction, Slow Sync, Slow Sync with Red-eye Reduction, Rear-curtain with Slow Sync, Rear-curtain Sync, Off; Flash Compensation- 1/3 EV, 1/2 EV Increments in -3 to 1 EV

Image Features

Image Size- 6000 x 4000 (Large); Image Format- NEF (RAW): 12- or 14 bit, Compressed JPEG Baseline Compliant, Compression NEF (RAW)+JPEG; Red Eye Reduction- Required

Video Features

Video Resolution- 1920 x 1080; Video Quality- HD, Full HD; Video Format- MOV, H.264 / MPEG-4 Advanced Video Coding; Other Video Features- Video Output (NTSC, PAL)

Audio Features

Microphone- Built-in Stereo Microphone; Other Audio Features- Audio Format: Linear PCM, Audio Recording Device (Built-in or External Stereo Microphone, Sensitivity Adjustable)

Display Features

Display Type- TFT LCD; Display Size- 3.2; Display Resolution- 1036800; Other Display Features- Effective Angle of View (Nikon DX Format, Focal Length Equivalent to 1.5x that of Lenses with FX Format Angle of View), Monitor (100% Frame Coverage and Brightness Adjustment), Playback (Full-frame and Thumbnail (4, 12 or 80 Images or Calendar) Playback with Playback Zoom, Movie Playback, Photo and/or Movie Slide Shows, Histogram Display, Highlights, Auto Image Rotation, Picture Rating and Image Comment (Upto 36 Characters), Vari-angle TFT Monitor with 170° Viewing Angle, Image Resolution Display: 1,036,800 dots

Storage Features

Compatible Card- SD Card

Power Features

Batteries – should be included; Battery Type- Lithium Battery

Additional Features

Other Features- Picture Control System (Standard, Neutral, Vivid, Monochrome, Portrait, Landscape, Storage for Custom Picture Controls), Active D-lighting, Operating Frequency (2412 - 2462 MHz (Channels 1 - 11), Tripod Socket: 1/4 inch (ISO 1222), Humidity: 85% (No Condensation), Connectivity: Accessory Terminal (Wireless Remote Controllers, Remote Cords, GPS Units), Communications Protocols (IEEE 802.11b: DSSS/CCK IEEE 802.11g: OFDM), Data Rate (54 Mbps Maximum Logical Data Rates According to IEEE Standard), Security (Authentication: Open System, WPA2-PSK Encryption: AES), Wireless Setup, Access Protocols, Receiving Frequency: 1575.42 MHz (C/A Code), WGS84 Geodesics, Power Supply: AC Adapter MH-24, Supported Language: 30, SDXC, SDHC Card

2. Sigma 70 - 300 mm F4-5.6 DG Macro for Nikon Digital SLR Lens. SIGMA

Product Specification

General

Brand- Sigma; Name- Macro; Model- 70 - 300 mm F4-5.6 DG Macro for Nikon Digital SLR; Color- Black; Type- Telephoto Zoom; Prime/Zoom- Zoom; Lens Type- Telephoto; Filter Attachment Size- 58 mm; Minimum Aperture- 22 – 32.

Compatibility Features

Compatible with NIKON D5, DF, D610, D750, D800, D800E, D810, D810A, D850, D300, D3100, D3200, D3300, D3400, D5000, D5100, D5200, D5300, D5500, D5600, D7000, D7100, D7200, D7500; Suitable For Wildlife

Lens Features

Lens Construction (Elements/Groups)- 14 Elements in 10 Groups; Angle of View- 34.3° to 8.2°

Performance Features

Maximum Focal Length- 300 mm; Minimum Focal Length- 70 mm; Aperture with Max Focal Length- f/4 - 5.6; Aperture with Min

		Focal Length- f/22 – 32; Maximum Magnification (x)- 01:04 Dimensions Dimensions- approx: 76.6 x 119.5 mm (Diameter x Length); Weight- approx 500 g	
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Table 3 DETAILS HAS TO BE FURNISHED BY THE BIDDING FIRM FOR FINANCIAL BID

TABLE 3: FINANCIAL BID FORMAT

Sl . No.	Item Description	Quantity	Rate (in Rs.)	Applicable GST amount (in Rs.)	Any Other Taxes/Duties / Levies (in Rs.)	Total Amount (Without Taxes) (in Rs.)	Total Amount (With Taxes) (in Rs.)
1	Binoculars						
2	Rangefinder						
3	Digital SLR Camera with lens						
Total Cost (in Rs)						Without Taxes	With Taxes

Declaration:

I/We hereby declare that I/We have read & understood all the terms & conditions mentioned in the Notice Inviting the sealed quotations and I/We undertake myself/ourselves to abide by them. I/We further, declare that all the information given above are true and the quoted products are in compliance to the item specifications listed above in Annexure II (Technical and Financial Bid)

Name:

Designation:

Signature:

[Official Seal]

Place:

Date: