

KERALA UNIVERSITY OF FISHERIES & OCEAN STUDIES
FACULTY OF OCEAN SCIENCE AND TECHNOLOGY– 682 508
Tel: 0484 2502587 E-mail: sfekufos20@gmail.com

No. DCVAE/NISAR-Phase II/1/2024

02.03.2024

Tender Notice

Sealed tenders are invited for the Airborne LIDAR and Drone Survey by the Department of Climate Variability and Aquatic Ecosystems, Fisheries station, KUFOS, Puduveyppu, Kochi

SL No	Equipment and Specification	Quantity in Nos
1	<p>Study Area: 1. Study site: Forest canopy mapping at any region of India other than Jammu & Kashmir and North Eastern States (Forest permission for the survey will be carried by the host institute) 12 plots, each having an area 1Km x 1 km (No. of plots will increase in the future based on the requirement). Kindly quote the unit rate and total rate.</p> <p>Data specification: 1. Airborne LIDAR Survey: Equipment: 32 Channels LiDAR Sensor and Dual return</p> <p>1a. LIDAR data a) canopy height (height of the individual tree, please provide the maximum possible spatial precision along x and y directions) b) DTM/DSM c) Tree height and tree count to 90% accurate and the max possible accuracy in X Y Z is 5cm but in general, we can get 5-10cm accuracy. d) LiDAR Sensor should be capable of 150 pts/sqm.</p> <p>2. Drone RGB image. a) spatial resolution and spectral channels RGB for Drone Survey Imagery – Resolution is 2-5cm</p> <p>Travel and Logistics Costs should also be included in the tender GST as per the rule</p>	12

Preference will be given to the Bidder with the following experience:

- 1) Executed at least three similar projects based on an Airborne Lidar survey of value at least 3 Lakhs for the Central Government, and Government Institutions, any State Government. (Enclose the proof) in the Last 3 financial years**
- 2) Similar work experience like Tree girth, Tree count, ORI Generation for a project is preferable.**

The envelope containing the tender should bear the superscription “**Tender for the survey meant for Department of Climate Variability and Aquatic Ecosystems, Fisheries Station, Puduveyppu-682 508, (DCVAE/NISAR-Phase II/1/2024)** and should be sent to **Dr. Girish Gopinath, Head, PI, NISAR-Phase II, Department of Climate Variability and Aquatic Ecosystems, KUFOS, Puduveyppu. Kochi-682 508**

Last date for the receipt of tender	12.03.2024 (11.00 AM)
Date and time of opening Tender	12.03.2024 (11.30 AM)

Late tenders will not be accepted under any circumstances. Intending firms may submit their tenders on their own paper with detailed specifications. The tenders received will be opened in the presence of the renderer or their authorized representatives who may be present at that time. **Cost of tender form @ Rs.673/-(673+12% GST) and EMD amount @ 1% of the quoted amount** should be furnished by means of DD drawn in favor of the Finance Officer, KUFOS, payable at SBI, Vyttila, Ernakulam and has to be sent along with tender. Tenders that are not in the proper form as in the KUFOS website and without the cost of tender and EMD and preliminary agreement will be summarily rejected. (Please refer to www.kufos.ac.in) for tender form and details).

The rate quoted should be inclusive of all taxes (rate of tax should be mentioned). All the terms and conditions applicable to university/Govt tenders are admissible in this case also. As per DSIR registration, the necessary exemption can be availed for customs & excise duties for the purchase. Our GST Regn. No. is 32AAAGK0031Q1ZL.

The right to accept the quotation in full or in part or to reject without assigning reason is reserved with Dr. Girish Gopinath, Associate Professor, Head, Department of Climate Variability and Aquatic Ecosystems, Puduveyppu.



Dr. Girish Gopinath, PI, NISAR-Phase II
Associate Professor
Head of the Department,
Department of Climate Variability and Aquatic Ecosystems,
Puduveyppu Kochi-682 508, Kerala

To

Firms/Notice Board of the station/
Notice board of panchayat/village etc/
System manager for publishing on the website