

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

No. GA8/8939/2021

04.01.2023

**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, Puduveypu, Kochi

| SL No    | Equipment and Specification   | Quantity in Nos |
|----------|---|-----------------|
| <b>1</b> | <p><b>Study Area:</b><br/>           1. Study site: Forest canopy mapping at any regions of India other than Jammu &amp; Kashmir and North Eastern States (Forest permission for the survey will be carried by the host institute)<br/>           5 plots, each having area 100m x 100m (No. of plots will increase in future based on the requirement). Kindly quote unit rate and total rate.</p> <p><b>Data specification:</b><br/>           1. Airborne LIDAR Survey: Equipment: 32 Channels LiDAR Sensor and Dual return</p> <p>1a. LIDAR data<br/>           a) canopy height (height of the individual tree, please provide the maximum possible spatial precision along x and y direction)<br/>           b) DTM/DSM<br/>           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.<br/>           d) LiDAR Sensor should be capable of 150 pts/sqm.</p> <p>2. Drone RGB image.<br/>           a) spatial resolution and spectral channels<br/>           RGB for Drone Survey Imagery – Resolution is 2-5cm</p> <p>Travel and Logistics Cost should also include in the tender<br/>           GST as per rule</p> | <b>5</b>        |

**The Bidder should have following experience:**

**1) Executed at least one similar project based on Airborne Lidar based survey of value at least 4 Lakhs for the Central Government, and Government Institutions, any State Government.(Enclose the proof)**

**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, Puduveypu–682 508, (GA8/8939/2021)** and should be sent to **Dr. Girish Gopinath, Head, Department of Climate Variability and Aquatic Ecosystems, KUFOS, Puduveypu. Kochi-682 508**

|  |                              |
|--|------------------------------|
| <b>Last date for the receipt of tender</b> | <b>18.01.2023 (11.00 AM)</b> |
| <b>Date and time of opening Tender</b>     | <b>19.01.2023 (11.30 AM)</b> |

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 tenderer 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](http://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, Puduveypu.



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

To

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