



KERALA AGRICULTURAL UNIVERSITY
Integrated Farming System Research Station
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IFSRS/128/2024

Dated 18.08.2025

Notice inviting Expression of Interest (EOI) for service of verification of carbon footprint assessment project as per ISO 14064-1 and ISO -14064 -3 guideline

Integrated Farming System Research Station (IFSRS), Karamana, Kerala Agricultural University is located in the heart of the capital city of Kerala, Thiruvananthapuram at Nedumcaud near Karamana. The major mandates of the station include developing and validating region-specific integrated farming systems models for enhanced system productivity, profitability and sustainability, and undertaking research, training, extension and developmental activities on various aspects of urban and peri-urban agriculture. This is the only centre under KAU undertaking research on IFS, which offers scientific integration of various components viz., field and horticultural crops, timber trees, livestock, poultry, fishery, apiary, bioresource recycling etc. in a given unit for the most effective utilization of available space and time. The IFS models and technologies for urban/ peri urban agriculture developed by this research station are being upscaled across the entire state through Dept of agriculture, NABARD, Kudumbashree Mission etc. We have been estimating the GHG emission from the four IFS models since 2017 onwards using the GHG estimator tool developed by ICAR-IIFSR.

1. Expression of Interest

IFSRS, Karamana, KAU invites Expression of Interest (EOI)) from reputed Validation and Verification Body (VVB) accredited by National Accreditation Board for Certification Bodies (NABCB) which are located in India for the verification of the carbon footprint assessment project as per ISO -14064 -1 & 3 standard guidelines.

2. Objective of the EOI

The objective of the EOI is to shortlist suitable Validation and Verification Body (VVB) for the verification of the carbon footprint assessment project as per ISO -14064 -1 & 3 guidelines. The Carbon footprint assessment project has completed at two agricultural farms under Department of Agriculture and Farmers' Welfare, Government of Kerala in the project "Carbon footprinting of District Agricultural Farm, Peringamala, Thiruvananthapuram and Sugarcane Seed Farm, Pandalam". IFSRS shall not be liable for any cost incurred by any potential VVB in preparation and submission of information in response to this EOI

3. Background of the project

Carbon footprinting assessment of two agricultural farms viz., District Agricultural Farm, Peringamala and Sugarcane Seed Farm, Pandalam aim to assess the carbon footprint of these two agricultural farms under Department of Agriculture and Farmers' Welfare,

Government of Kerala and utilize this assessment for the net zero target as well as to identify the feasibility towards Carbon Credit Registration in the future.

We have assessed the carbon footprint of the farms for the calendar year 2024 as per the Inter-Governmental Panel on Climate Change Protocol (2006 & 2019). CFP assessment of two District Agricultural Farms has been completed in the first phase in May 2025. Now, we need to conduct the verification of the CFP assessment as per ISO 14064-1 & 3 guidelines and submit the Verification report and certificate for these two farms individually.

4. Scope of work

The scope of the work includes but not limited to:

- An independent review and verification of the “Carbon footprinting of two Agricultural Farms (District Agricultural Farm, Peringamala, Thiruvananthapuram and Sugarcane Seed Farm, Pandalam)” separately, conducted by IFSRS and supporting documentations as per ISO 14064-1 and ISO 14064-3 guidelines. *ie.*, verification and its certification of emission and sequestration /stock of the farms.
- Prepare and provide a verification and validation work plan and conduct site visits if necessary for the two farms.
- Conduct the ISO 14064 -1 and ISO 14064-3 directed verification report of the Carbon footprint Assessment of two District Agricultural Farms of particular interest.
- Prepare verification findings for the Carbon footprint Assessment of these two District Agricultural Farms as per the guidance provided by ISO 14064- 1and ISO 14064-3 for the two DAFs separately.
- Prepare ISO 14064 – 1and ISO 14064-3 verification report for Carbon footprint Assessment of two District Agricultural Farms for future application for carbon credit as well as to track the progress towards net zero of each DAFs.
- Respond to queries by IFSRS regarding the verification in the future.

5. Methodology

The VVB shall elaborate the detailed methodology to fulfil the objective of this work as per ISO 14064-1and ISO 14064-3 guidelines and procedure.

6. Budget

- Budget should be prepared in free form indicating the activities, man-days involved, rate etc.
- Contract will be done with the VVB on lump sum basis and is not entitled to receive any additional cost in excess of the contract amount.
- The proposed cost shall include the bank transfer fee as well as GST. The contract amount will be in Indian Rupees.

8. Outcomes

Reporting of the work shall be done as per following:


- Submission of Draft verification Reports as per ISO 14064-1and ISO14064-3 to Project Investigator of IFSRS for each farm

- Submission of the final verification Report and certification for each farm separately.

Specific Terms and Conditions

- The company should be a registered entity
- The company should have at least five years of experience in providing validation and verification services
- The validation and verification body should be an accredited validation and verification body under NABCB, Quality Council of India
- The Validation and Verification Body should have the accreditation to perform the Validation and Verification of the GHG inventory assessment in the Agriculture Sector.
- The Validation and Verification Body must have on its roll at least 10 Certified Validator and verifiers.
- The Validation and Verification Body should not have been blacklisted by any Government/Government Agency in India by declaration.
- Selected agency should have an office in Kerala State.
- Minimum Average Annual Turnover of the bidder for 3 years should be 5 Crores.
- Copies of the following documents should be submitted (Company Registration Certificate, PAN and GST Certificates, Relevant Experience Certificates, any other supporting documents)
- In case of any dispute the jurisdiction shall be Thiruvananthapuram District
- Sealed cover containing the tender should be subscribed tender for "Third party validation and verification of carbon footprint assessment" and addressed to the **Professor & Head, IFSRS, Karamana** and reach the undersigned on or before 2.45 pm on 29.08.2025 and the same will be opened at 3.00 pm at the chamber of the Head of office in the presence of those quotationers or their representatives (with letter of authority from the concerned quotationers) who are present at that time.
- Late and incomplete tenders will not be considered at any circumstances.




 18/8/2025
PROFESSOR & HEAD
 Kerala Agricultural University
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