

Terms of reference (ToR) for the procurement of services

CONFIDENTIAL

Designing of the carbon sequestration mechanism through Gaushala based Bio-input Resource Centres in the selected districts of Madhya Pradesh and Uttar Pradesh	Project number/G-011487-004 cost centre: 11487020000
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0. List of abbreviations

AVB	General Terms and Conditions of Contract for supplying services and work
GP	Gram Panchayat
GPDP	Gram Panchayat Development Planning
GIZ	Deutsche Gesellschaft für Internationale Zusammenarbeit
SWER-MFC	Strengthening Women Empowerment and Resilience in Mint Farming Communities
ToR	Terms of reference

1. Context

The technical cooperation project "Support to Agroecological Transformation Processes (SuATI)" is commissioned by the German Federal Ministry for Economic Cooperation and Development (BMZ) under the global BMZ Initiative "Transformation of Agriculture and Food Systems." The project is implemented by Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH in collaboration with the Ministry of Agriculture and Farmers Welfare (MoA&FW), the National Bank for Agriculture and Rural Development (NABARD), and the Ministry of Rural Development (MoRD). The project is being implemented across the states of Karnataka, Madhya Pradesh, and Assam with the objective of strengthening agroecological transformation processes at both national and state levels. The project focuses on enhancing knowledge and capacities on agroecological approaches, promoting sustainable agricultural practices, strengthening policy integration, demonstrating landscape-based planning and monitoring systems, and fostering Indo-German cooperation on agroecology. Through collaboration with national and state institutions, local governments, community-based organizations, cooperatives, Farmer Producer Organizations (FPOs), and women's collectives, SuATI aims to improve the sustainability, resilience, and inclusiveness of agricultural and food systems in India.

Madhya Pradesh & Uttar Pradesh has one of the largest cattle populations in India and hosts a significant network of registered Gaushalas that provide shelter and care for indigenous cattle. Beyond their traditional role, these Gaushalas possess substantial potential to evolve into decentralized Bio-input Resource Centres (BRCs) that support agroecological farming through the production and distribution of organic fertilizers, bio-inputs, and renewable energy products. By utilizing cattle dung and urine for composting, vermicomposting, liquid bio-fertilizers, and biogas production, Gaushalas can promote circular bioeconomy models that reduce dependence on synthetic agricultural inputs while enhancing soil health and farm productivity. Such decentralized systems also provide opportunities to generate rural employment and strengthen community institutions through the participation of Self-Help Groups (SHGs), Village Organisations (VOs), Cluster Level Federations (CLFs), Farmer Producer Organisations (FPOs), and Panchayati Raj Institutions.

Simultaneously, there is increasing national and global interest in promoting carbon sequestration and greenhouse gas emission reduction through sustainable agricultural practices and improved livestock waste management. Interventions such as application of organic soil amendments, improved manure management, biogas generation, and replacement of chemical fertilizers contribute to carbon sequestration and emission reduction while creating opportunities for accessing voluntary carbon markets and climate finance. However, despite these opportunities, standardized methodologies for estimating carbon benefits, aggregation of carbon credits, and development of financially viable business models for Gaushala-based Bio-input Resource Centres remain limited. There is also inadequate evidence on the economic feasibility of different BRC models across varying Gaushala sizes and production capacities, as well as limited understanding of convergence opportunities with existing government programmes and climate finance mechanisms.

Recognizing this opportunity, GIZ intends to undertake a comprehensive study to develop a scalable and evidence-based framework for Gaushala-based Bio-input Resource Centres across Madhya Pradesh and Uttar Pradesh. The assignment will assess representative Gaushalas across different agro-climatic regions of the state, evaluate their resource base and institutional readiness, identify carbon sequestration and emission reduction pathways, estimate carbon mitigation potential, assess business viability, and develop standardized models suitable for replication across different scales. The study will also identify convergence opportunities with government schemes such as PM-PRANAM, GOBAR-DHAN, National Mission on Natural Farming (NMNF), PKVY, DAY-NRLM, and relevant State Government programmes, while exploring opportunities for mobilizing private investment, Corporate Social Responsibility (CSR) funding, and climate finance.

The assignment aims to generate practical recommendations for establishing economically viable, environmentally sustainable, and community-owned Bio-input Resource Centres that strengthen agroecological transformation, enhance rural livelihoods, promote circular bioeconomy principles, and facilitate long-term access to carbon finance. The outputs of this study are expected to provide a scalable framework that can support policy formulation and programme implementation by the Government of Madhya Pradesh and Uttar Pradesh and other stakeholders working towards climate-resilient agricultural development.

Specific Objectives of the assignment

- To conduct a comprehensive baseline assessment of selected Gaushalas across Madhya Pradesh and Uttar Pradesh to evaluate their infrastructure, biomass availability, institutional arrangements, and convergence opportunities for establishing Bio-input Resource Centres.
- To review existing Gaushala-based Bio-input Resource Centre models and develop standardized, scalable, and replicable implementation frameworks suitable for different categories of Gaushalas.
- To identify, quantify, and assess carbon sequestration and greenhouse gas emission reduction pathways associated with Gaushala-based Bio-input Resource Centres, including estimation of district- and state-level carbon mitigation potential.
- To identify suitable methodologies under voluntary carbon markets and assess opportunities for community-based carbon aggregation and carbon finance mechanisms.
- To evaluate the technical, financial, and economic viability of different Bio-input Resource Centre models through cost-benefit analysis, financial modelling, and assessment of revenue streams.
- To identify convergence opportunities with existing government programmes, climate finance instruments, CSR initiatives, and other financing mechanisms to enhance long-term sustainability.

- To develop scalable business models and implementation recommendations that strengthen rural livelihoods through SHGs, FPOs, and community institutions while promoting agroecological transformation across Madhya Pradesh and Uttar Pradesh.

2. Tasks to be performed by the contractor

The contractor shall perform the following tasks:

A. Baseline Assessment of Gaushalas for Bio-Resource Centre (BRC) Units

The contractor shall conduct a baseline assessment of **30 Gaushalas** across **six sample districts** representing the **three NSS regions of Madhya Pradesh** and **30 Gaushalas** across **ten sample districts** representing the **five NSS regions of Uttar Pradesh** to examine the resource base, infrastructure status, and convergence opportunities for establishing Bio-Resource Centres (BRCs). The assessment shall include:

- a. Review of secondary literature and available data to map Gaushalas across all districts of Madhya Pradesh and Uttar Pradesh, including classification based on size and management type.
- b. Assessment of cattle population, dung and urine availability at the selected Gaushalas, and assessment of existing infrastructure such as biogas plants, composting units, and vermicomposting units.
- c. Mapping of Self-Help Groups (SHGs) and Farmer Producer Organisations (FPOs) located in proximity to the selected Gaushalas to identify opportunities for convergence planning.

B. Review of Existing Design of Gaushala-Based BRC Model

The contractor shall review existing Gaushala-based Bio-Resource Centre (BRC) models and develop a structured, standardized, and scalable framework integrating SHGs and FPOs.

C. Carbon Sequestration Pathways

The contractor shall identify and quantify carbon sequestration and emission reduction pathways associated with Gaushala-based BRC interventions across Madhya Pradesh and Uttar Pradesh. The assessment shall include:

- a. Identification of carbon sinks and mitigation pathways through:
 - Soil organic carbon enhancement through application of organic inputs.

- Methane emission reduction through improved dung management and biogas systems.
- b. Estimation of carbon sequestration potential (tCO₂e/year) at district and state levels.
- c. Identification of applicable methodologies under voluntary carbon markets.
- d. Assessment of the feasibility of community-based carbon aggregation models.

D. Business Potential Assessment of Gaushala-Based BRCs across Madhya Pradesh and Uttar Pradesh

The contractor shall evaluate the business potential of Gaushala-based BRCs across Madhya Pradesh and Uttar Pradesh by leveraging convergence with existing government schemes and emerging carbon finance opportunities. The assessment shall include:

- a. Identification and assessment of diverse revenue streams, including organic inputs (compost, vermicompost, PROM, liquid bio-inputs), biogas/CBG, and carbon credits.
- b. Development of comparative business models for BRCs based on different Gaushala scales (100, 200, 300 cattle and above) and processing capacities (1 MT, 2 MT, 5 MT, and 10 MT), including assessment of service coverage (number of farmers served) and transition potential from chemical to bio-fertilizers, while factoring convergence opportunities under schemes such as PM-PRANAM and GOBAR-DHAN to estimate overall market potential and demand aggregation.
- c. Conduct of a detailed cost-benefit analysis of BRCs, including estimation of CAPEX and OPEX.
- d. Performance of financial viability analysis, including Internal Rate of Return (IRR), payback period, and scenario-based projections.
- e. Mapping of potential financing sources, including government schemes/programmes (PM-PRANAM, GOBAR-DHAN, VB G-RAM-G, NMNF, PKVY, DAY-NRLM, Gaushala Board schemes, and other relevant State Government schemes), CSR funding, climate finance mechanisms, and carbon markets.
- f. Design of equitable benefit-sharing mechanisms for SHGs and FPOs.

Deliverables

The Contractor shall submit the following deliverables during the assignment:

1. Inception Report

Submission of the inception report.

2. Baseline Assessment of Gaushalas and Carbon Sequestration Report

Submission of the Gaushala baseline assessment report and carbon sequestration assessment report.

3. Business Potential Assessment Report

Submission of the business potential assessment report.

4. Final Report and Presentation

Submission of the final report and presentation before the Government of Madhya Pradesh / MP State Rural Livelihood Mission (MPSRLM) / Chief Minister's Office (CM Office), Govt of Uttar Pradesh / UP State Rural Livelihood Mission (UPSRLM) / Chief Minister's Office (CM Office).

Expected Outcomes:

- The assignment is expected to achieve the following outcomes:
- Baseline assessment of 30 Gaushalas across six sample districts representing the three NSS regions of Madhya Pradesh **and 30 Gaushalas across ten sample districts** representing the **five NSS regions of Uttar Pradesh**.
- A structured, standardized, and scalable framework for Gaushala-based Bio-Resource Centres (BRCs).
- Identification and quantification of carbon sequestration and emission reduction pathways associated with Gaushala-based BRC interventions.
- Estimation of carbon sequestration potential at district and state levels.
- Identification of applicable methodologies under voluntary carbon markets and assessment of community-based carbon aggregation models.
- Assessment of the business potential of Gaushala-based BRCs, including comparative business models, financial viability, and financing opportunities.
- Final report and presentation before the Government of Madhya Pradesh, MP State Rural Livelihood Mission (MPSRLM), and the Chief Minister's Office (CM Office) and Government of Uttar Pradesh, UP State Rural Livelihood Mission (UPSRLM), and the Chief Minister's Office (CM Office).
- **Contractor in addition to above technical tasks, has to perform following measures as well-**
- Selecting, preparing, training, and steering the experts and personnel assigned to carry out the advisory and implementation tasks under this assignment.
- Managing all costs and expenditures related to the assignment, including financial planning, accounting, and invoicing, in compliance with the requirements and procedures of the Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH.

- Ensuring timely and regular reporting to GIZ in accordance with the applicable General Terms and Conditions (AVB) of GIZ.
- Submitting all mandatory reports required under the AVB, including an inception report and periodic progress updates.
- Providing substantive contributions, inputs, and documentation as required for reports to GIZ's commissioning party and other relevant stakeholders.

In addition to the reports required by GIZ in accordance with the AVB, the contractor submits the following reports:

- Inception report
- Contributions to reports to GIZ's commissioning party
- Brief quarterly or half-yearly reports on the implementation status of the project (5-7 pages)

Certain milestones, as laid out in the table below, are to be achieved during the contract term:

Milestone / Process Step / Partial Service	Timeline
Submission of the Inception Report, including detailed methodology, implementation plan, cluster approach, risk mitigation measures, and timeline	Within 4 weeks from the award of contract
Baseline Assessment of Gaushalas and Carbon Sequestration Assessment Report	Within 16 weeks from the award of contract
Business Potential Assessment Report	Within 20 weeks from the award of contract
Final Report and Presentation before the Government of Madhya Pradesh / MP State Rural Livelihood Mission (MPSRLM) / CM Office and Uttar Pradesh / UP State Rural Livelihood Mission (UPSRLM) / CM Office	Within 22 weeks from the award of contract

Period of assignment:

GIZ shall hire the agency from **November 2026** and ending on **30 April 2027**.

Place of assignment:

Madhya Pradesh, Uttar Pradesh

5. Concept

In the tender, the tenderer is required to show *how* the objectives defined in Chapter 2 (Tasks to be performed) are to be achieved, if applicable under consideration of further method-related requirements (technical-methodological concept). In addition, the tenderer must describe the project management system for service provision.

Note: The numbers in parentheses correspond to the lines of the technical assessment grid.

Technical-methodological concept

Strategy (1.1): The tenderer is required to consider the tasks to be performed with reference to the objectives of the services put out to tender (see Chapter 1 Context). Following this, the tenderer presents and justifies the explicit strategy with which it intends to provide the services for which it is responsible (see Chapter 2 Tasks to be performed).

The tenderer is required to present the actors relevant for the services for which it is responsible and describe the **cooperation (1.2)** with them.

The tenderer is required to present and explain its approach to **steering (1.3)** the measures with the project partners and its contribution to the results-based monitoring system.

The tenderer is required to describe the key **processes** for the services for which it is responsible and create an **operational plan** or schedule (1.4.1) that describes how the services according to Chapter 2 (Tasks to be performed by the contractor) are to be provided. In particular, the tenderer is required to describe the necessary work steps and, if applicable, take account of the milestones and **contributions** of other actors (partner contributions) in accordance with Chapter 2 (Tasks to be performed) (1.4.2).

The tenderer is required to describe its contribution to knowledge management for the partner (1.5.1) and GIZ and to promote scaling-up effects (1.5.2) under **learning and innovation**.

Project management of the contractor (1.6)

The tenderer is required to explain its approach for coordination with the GIZ project. In particular, the project management requirements specified in Chapter 2 (Tasks to be performed by the contractor) must be explained in detail.

The tenderer is required to draw up a **personnel assignment plan** with explanatory notes that lists all the experts proposed in the tender; the plan includes information on assignment dates (duration and expert days) and locations of the individual members of the team complete with the allocation of work steps as set out in the schedule.

For Eligibility of Firms

Note: Bidders have to submit the documentary evidence for the criteria's specified below.

The Agency should have the following eligibility criteria to carry out the assignment:

Commercial Eligibility assessment

- The agency must be registered in India.
- The average annual turnover of the agency for the last three financial years should be at least EUR 50,000.
- The agency should have a minimum of 5 employees and managers for the past three calendar years.

Technical Eligibility Assessment

- The agency must have successfully handled reference projects with a minimum commission value of EUR 15,000, with at least one reference project of studies / surveys in the field of agriculture, climate change, carbon sequestration, natural resource management, bio-inputs, circular bioeconomy, or rural livelihoods and enterprises.

Technical Experience

- The agency should have at least 5 years of experience in conducting studies, assessments, or project implementation related to climate change, carbon sequestration, or carbon financing.
- The agency should have at least 5 years of experience in agriculture, rural development, natural resource management, animal waste management, or bio-resource management.
- The agency should have at least 2 years of experience in conducting business potential assessments, financial viability assessments, or value chain/business model development in the agriculture or rural development sector.
- The agency must have experience in project development and/or implementation supported by Government organisations, multilateral organisations, bilateral agencies, or international development agencies.
- Regional experience in India.

6. Personnel concept

Qualifications of proposed staff

The tenderer is required to propose personnel for the positions specified here and described with respect to the areas of responsibility and qualifications on the basis of relevant CVs.

The below specified qualifications represent the requirements to reach the maximum number of points in the technical assessment.

Team leader (01 number)

Tasks of expert member

Lead and coordinate the overall implementation and management of the assignment.

Oversee the baseline assessment of 60 Gaushalas across six sample districts representing the three NSS regions of Madhya Pradesh and Uttar Pradesh..

Supervise the review of existing Gaushala-based Bio-Resource Centre (BRC)models and the development of a structured, standardized, and scalable BRC framework.

Provide technical guidance for the assessment of carbon sequestration and emission reduction pathways associated with Gaushala-based BRC interventions.

Oversee the assessment of the business potential of Gaushala-based BRCs, including comparative business models, financial viability analysis, and identification of financing sources.

Coordinate with GIZ and relevant stakeholders throughout the assignment and ensure timely completion of all activities and deliverables.

Review and ensure the quality of all reports and technical outputs, including the inception report, baseline assessment and carbon sequestration report, business potential assessment report, and final report.

Present the final report and study findings before the Government of Madhya Pradesh MP State Rural Livelihood Mission (MPSRLM), and the Chief Minister's Office (CM Office) and Uttar Pradesh, UP State Rural Livelihood Mission (UPSRLM), and the Chief Minister's Office (CM Office).

- **General qualifications (2.1.1)**

Education:

Graduate in Agriculture/Agri-allied sector and Postgraduate in Agronomy/Agri-allied Sciences/Business Administration.

- **Language skills (2.1.2)**

Fluency in **English and Hindi**.

- **Professional Experience**

General professional experience (2.1.3):

At least **9 years** of professional experience in project management related to agriculture, rural development, animal waste management, policy framework, livelihood enhancement initiatives, and multi-stakeholder coordination.

Specific professional experience (2.1.4):

Minimum **8 years** of experience in India working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Leadership/management experience (2.1.5):

Demonstrated experience in managing projects and coordinating multi-stakeholder initiatives related to agriculture and rural development.

Experience in the region/knowledge of the country (2.1.6):

Minimum **5 years** of experience in India, specifically working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Development cooperation experience (2.1.7):

Experience of working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Expert 1: Environment and Carbon Expert (01 number)

Tasks of expert member

a) Lead the assessment of carbon sequestration and emission reduction pathways associated with Gaushala-based Bio-Resource Centre (BRC) interventions across Madhya Pradesh and Uttar Pradesh..

b) Identify carbon sinks and mitigation pathways through soil organic carbon enhancement using organic inputs and methane emission reduction through improved dung management and biogas systems.

c) Estimate carbon sequestration potential (tCO₂e/year) at district and state levels.

d) Identify applicable methodologies under voluntary carbon markets.

e) Assess the feasibility of community-based carbon aggregation models.

f) Contribute to the preparation of the carbon sequestration assessment report and provide technical inputs for the final report.

General qualifications (2.2.1)

Education:

Graduate in Environmental Sciences/Studies/Environment & Sustainability and Postgraduate in Environmental Sciences or Business Administration.

Language skills (2.2.2)

Fluency in English and Hindi .

Professional Experience

General professional experience (2.2.3):

At least 9 years of professional experience in projects related to environment, climate change, carbon crediting, agriculture, rural development, and carbon sequestration mechanisms.

Specific professional experience (2.2.4):

Minimum 7 years of experience in India working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Experience in the region/knowledge of the country (2.2.6):

Minimum 7 years of experience in India, specifically working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Development cooperation experience (2.2.7):

Experience of working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Expert 2: Agribusiness Expert (01 number)

Tasks of expert member

a) Lead the assessment of the business potential of Gaushala-based Bio-Resource Centres (BRCs) across Madhya Pradesh and Uttar Pradesh.

b) Identify and assess diverse revenue streams, including organic inputs (compost, vermicompost, PROM, liquid bio-inputs), biogas/CBG, and carbon credits.

c) Develop comparative business models for BRCs based on different Gaushala scales and processing capacities.

- d) Conduct cost-benefit analysis, including estimation of CAPEX and OPEX.
- e) Perform financial viability analysis, including Internal Rate of Return (IRR), payback period, and scenario-based projections.
- f) Map potential financing sources, including government schemes/programmes, CSR funding, climate finance mechanisms, and carbon markets.
- g) Design equitable benefit-sharing mechanisms for SHGs and FPOs.
- h) Contribute to the preparation of the business potential assessment report and provide technical inputs for the final report.

General qualifications (2.3.1)

Education:

Graduate in Agriculture and Postgraduate in Agribusiness Management or Business Administration.

Language skills (2.3.2)

Business fluency in English and Hindi.

Professional Experience

General professional experience (2.3.3):

At least 9 years of professional experience in projects related to agriculture, livestock, environment, climate change, carbon crediting, rural development, and natural resource management.

Specific professional experience (2.3.4):

Minimum 7 years of experience in India working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Experience in the region/knowledge of the country (2.3.6):

Minimum 7 years of experience in India, specifically working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Development cooperation experience (2.3.7):

Experience of working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Expert 3: Research Analyst (01 number)

Tasks of Expert Member

- a) Support the baseline assessment of 30 Gaushalas across six sample districts representing the three NSS regions of Madhya Pradesh and 30 Gaushalas across ten districts of five NSS regions of Uttar Pradesh.
- b) Support the collection, compilation, and analysis of data related to the resource base, infrastructure status, cattle population, dung and urine availability, and convergence opportunities.
- c) Support the mapping of SHGs and FPOs in proximity to the selected Gaushalas.
- d) Assist in data analysis for the carbon sequestration assessment and business potential assessment.
- e) Support the preparation of the baseline assessment report, carbon sequestration assessment report, business potential assessment report, and final report.

- General qualifications (2.4.1)

Education:

Master's degree in Data Analysis, Statistics, Economics, or Social Sciences.

- Language Skills (2.4.2)

The professional must have fluency in English & Hindi at C1 grade.

- Professional Experience

General professional experience (2.4.3):

- At least 5 years of professional experience in research, data analysis, and field-based studies related to agriculture, rural livelihoods, climate change, or natural resource management.

Specific professional experience (2.4.4):

- Minimum 5 years of experience in India working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Experience in the region/knowledge of the country (2.4.6):

- Minimum 5 years of experience in India, specifically working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Development cooperation experience (2.4.7):

- Experience of working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Expert 4: Enumerator (04 number)

Tasks of Expert Member

- a) Conduct field surveys for the baseline assessment of selected Gaushalas across the six sample districts.
- b) Collect field data on cattle population, dung and urine availability, and existing infrastructure, including biogas plants, composting units, and vermicomposting units.
- c) Collect information for mapping SHGs and FPOs in proximity to the selected Gaushalas.
- d) Support the field data collection required for the baseline assessment and business potential assessment.
- e) Maintain accurate records of field observations and submit the collected data to the project team.

- **General qualifications (2.5.1)**

Education:

Diploma in Agriculture and Allied Sciences or Graduate in Science, Agriculture, or Social Sciences.

- **Language Skills**
The professional must have fluency in Hindi.
- **Professional Experience**

General professional experience (2.5.3):

- At least **2 years** of professional experience in projects related to agriculture, animal husbandry, or rural development.

Specific professional experience (2.5.4):

- Minimum **1 year** of experience in India working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Experience in the region/knowledge of the country (2.5.6):

- Minimum **1 year** of experience in India, specifically working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Development cooperation experience (2.5.7):

- Experience of working with development agencies or in partnership with Government Organisations, multilateral and bilateral agencies, or corporates across sectors.

Soft skills of team members

In addition to their specialist qualifications, the following qualifications are required of team members:

- Team skills
- Initiative
- Communication skills
- Socio-cultural skills
- Efficient, partner- and client-focused working methods
- Interdisciplinary thinking

7. Costing requirements

Assignment of personnel and travel expenses

Sustainability aspects for travel

GIZ has undertaken an obligation to reduce greenhouse gas emissions (CO₂ emissions) caused by travel. When preparing your tender, please incorporate options for reducing emissions, such as selecting the lowest emission booking class (economy) and using means of transport, airlines and flight routes with a higher CO₂ efficiency. For short distances, travel by train (second class) or e-mobility should be the preferred option.

CO₂ emissions caused by air travel must be offset. GIZ specifies a budget for this, through which the carbon offsets can be settled against evidence.

Please refer to 1.1 CO₂ Emission offset_Guide

Specification of inputs

Fee days	Number of experts	Number of days per expert	Comments
Team Leader	1	40	40 days during the assignment
Environment & Carbon Expert	1	30	30 days during the assignment
Agribusiness Expert	1	30	30 days during the assignment
Research Analyst	1	60	60 days during the assignment
Enumerator	4	34	34 days per Enumerator (Total 136 person-days)
Travel expenses	Number of experts	Number of days	Comments
Overnight allowance/accommodation in country of assignment	3	12	Total 12 number of nights to be used by 3 persons
Per-diem allowance in country of assignment	3	12	Total 12 days to be used by 3 experts
Transport	Number of experts	Number of flights per experts	Comments
International flights			NA
Domestic flights	3	2	Total 6 round trips
CO ₂ compensation for air travel	3	2	Euro 100 to be provided for a round trip on Economy Class Flights Please refer to 1.1 CO2 Emission offset_Guide
Travel costs (taxi)	3	4	Total 12 taxi travel

Bike	3	42	Total 126 bike travels based on lumpsum (Total 15,000 Km travel)
Other cost	Number		Comments

8. Inputs of GIZ or other actors

GIZ and/or other actors are expected to make the following available:

- Arranging meetings with project partners.

9. Requirements on the format of the tender

The structure of the tender must correspond to the structure of the ToR. In particular, the detailed structure of the concept (Chapter 3) should be organised in accordance with the positively weighted criteria in the assessment grid (not with zero). The tender must be legible (font size 11 or larger) and clearly formulated. It must be drawn up in English only.

The complete tender must not exceed 10 pages (excluding CVs). If one of the maximum page lengths is exceeded, the content appearing after the cut-off point will not be included in the assessment. External content (e.g. links to websites) will also not be considered.

The CVs of the personnel proposed in accordance with Chapter 4 of the ToR must be submitted using the format specified in the terms and conditions for application. The CVs shall not exceed 2 pages each. They must clearly show the position and job the proposed person held in the reference project and for how long. The CVs can also be submitted in English only.

Please calculate your financial tender based exactly on the parameters specified in Chapter 5 Quantitative requirements. The contractor is not contractually entitled to use up the days, trips, workshops or budgets in full. The number of days, trips and workshops and the budgets will be contractually agreed as maximum limits. The specifications for pricing are defined in the price schedule.