CLIMATE ACTION NETWORK (CAN) TANZANIA

TERMS OF REFERENCE FOR THE FINAL EVALUATION OF ENHANCING THE ROLE OF SOLAR IRRIGATION FOR POVERTY REDUCTION NEAR MT. KILIMANJARO PROJECT.

Title:	Evaluation Consultant
Start of Contract:	5th March 2023
End of Contract:	20th March 2023
LOE	15 Working days

ORGANIZATIONAL CONTEXT

Climate Action Network Tanzania (CAN Tanzania) is a registered non-profit organization operating since November 2011, with its headquarters in Dar es Salaam. The long-term goal of CAN Tanzania is to strengthen a network that works to give civil society organizations and the community the tools they need to take the right actionsand adapt to climate situations. This will be done by creating and sharing knowledge, building capacity, and settingup model projects that show how climate change problems can be solved on different levels and at different scales.

PROJECT CONTEXT

ENHANCING THE ROLE OF SOLAR IRRIGATION FOR POVERTY REDUCTION NEAR MT. KILIMANJARO PROJECT.

Agreement number: 81267101
Project processing number: 18.2176.8-152.00

In 2021, CAN Tanzania received funding from GIZ to implement a project in three villages (Ngosero, Kilimambogo, and Mkombozi) located in the dry lowland plains of the southern part of Mt. Kilimanjaro. The project aimed at enabling the poor, marginalized and vulnerable smallholder farmers to overcome the pervasive challenges of poverty,food insecurity, gender inequality and water use conflicts caused by lack of access to reliable and affordable water supply for irrigation purposes as compounded by the growing impacts of climate change. The villages were selectedbased on the recommendations from the respective local government authority of Hai district council, the Pangani Basin Water Board (PBWB) who provided strong recommendations on the needs and readiness of the proposed communities to undertake this project.

Through adoption and effective application of the solar-powered irrigation system, the project will contribute to the following key outputs(i) transform farming practices from seasonal, rainfed farming to a year-round farming practices thereby enhancing food security and nutrition status of smallholder farmers (ii) reduce production cost associated with use of hired diesel generators thereby allowing farmers to realize more benefits (iii) reduce GHG emissions associated with use of diesel generators thereby contributing to mitigation of climate change (iv) enhance communityresilience and adaptive capacity to climate change due to increased productivity and avoided dependence on rainfallfor irrigation (v) Contribute to soil and environmental management through reduced shifting cultivation as a result of agriculture intensification under irrigation system (vi) achievement of key national and international development

goals including (the Tanzania's vision 2025, 3rd Five Year Development Plan, SDGs 2030 agenda notably SDG 1,2, 3, 5,7, 13 and embrace local technology transfer (solar irrigation) to other parts of the country. vi) Reduce water use conflicts among smallholder farmers and other water users in the project area.

EVALUATION METHODOLOGY

The evaluation should use transparent and collaborative methods that can answer the evaluation questions. The technical proposal should explain in detail how data will be collected, analyzed, and reported, such as through interviews and focus group discussions. The proposed approach will be discussed and agreed on during the inception phase. Similarly, the evaluation team should consider face-to-face as the default interview approach and only digital and/or telephone interviews where possible with relevant stakeholders, including but not limited to CAN Tanzania staff (managers and programme/project officers) involved in implementation and government officials and community beneficiaries.

EVALUATION QUESTIONS

As a result, it is expected that the evaluator will compare the project's main goal, intended outputs, outcomes, andplanned activities to the following questions:

Relevance

- To what extent are the project goals aligned with the needs of the target group (including government/policy needs and priorities and the disadvantaged or vulnerable groups)?
- To what extent are the objectives of the project still valid and which one has the potential to be scaled up?

Coherence

- To what extent does the project align with other (development policy) measures in a country, region, or sector? What is the added value and what are the synergies of the project?
- To what extent is the project design and its implementation coordinated with the activities of CAN Tanzania and other donors?

Effectiveness

- To what extent did the project achieve or is in the process of achieving its planned objectives and its indicators, outputs, and outcomes?
- Are the project management team capacities effective and appropriate to provide financial and technical support to the project area? Why? / Why not?
- To what extent did factors such as resources, staff remuneration, staff, and Board's capacity, working relationships within the team and external actors, learning processes such as self-evaluation/appraisal influence the effectiveness of the project? What other major factors influenced the achievement or non-achievement of the objectives?

Efficiency

- To what extent were the project's inputs (financial, human, and material resources) used economically in relation to the outputs produced (products, capital goods and services) (production efficiency)?
- Has the collaboration with relevant stakeholders at all levels improved the project efficiency? If yes, how? If not, why? How to improve.

Impacts

- Has the project contributed or is likely to contribute to long-term socio-economic and environmental impacts to the target groups and institutions?
- To what extent has irrigation farming increased production and income of smallholder farmers?
- What is the perception of the project by the village and ward leaders and district administration, and the beneficiaries?

Sustainability

- To what extent will the project's positive results, services, impacts, and effects likely be continued after the project cycle span (under which circumstances?)
- To what extent has the project contributed to the target groups' ability and willingness to maintain the positive effects of the project over time?

FUNCTIONAL RESPONSIBILITIES

The evaluation consultant will assess the project based on the following main tasks:

MAIN DUTIES	Concrete/measurable outputs to beachieved	Expected duration	Location
Desk Review: Review and analyze project documentationand relevant country background information	• Inception Report containing understanding of the assignment, methodology, evaluation questions, data collection tools, work scheduleand quality assurance	2 days	Home based
Data Collection In close coordination with the project staff, conduct data collection exercise in the fieldand at district level	• Field work schedule • Training for enumerators • Data collection updates/report	4 days	Field work
Data analysis and reporting	• Draft evaluation report • Final Evaluation report	4 days	Home based
Documentation on the impact and successesof the project	• Documentary (video with successstories)	3 days	Field work

FORMAT OF THE FINAL REPORT

The final report should at minimum follow the following structure and will be more broadly discussed during the inception phase:

1. Executive summary
2. Background and Overview of the Project
3. Evaluation scope and methodology
4. Findings and conclusions
5. Recommendations
6. Lessons learned.
7. Annexes

MINIMUM ORGANIZATIONAL REQUIREMENTS

Education: Advanced university degree in social or environmental science, climate change, agriculture, economics, engineering, or other related disciplines like developmental studies.

Technical and Functional Experience:

- At least five years of professional experience in technical cooperation project management or portfolio project management in Tanzania, including task such as developing project concept and proposal, designing Monitoring and Evaluation plans and indicators, and developing project logic models.

- Excellent experience and competency in the field of monitoring and evaluation, results-based management, data collection and analysis, and research
- Experience in evaluating development projects and programme at mid-term or completion point, including assessment/review/research of development cooperation in Tanzania.
- Knowledge and working experience with international development organizations is desirable.
- Knowledge of climate change and environment management is a plus.
- Familiarity with gender analysis tools and methodologies is an asset.
- Languages: Fluency in written and spoken English and Swahili is required. All reports and documents related to them must be sent in English and in an electronic format.

HOW TO SUBMIT YOUR OFFER

The applicant should submit their technical proposal, with an explanation and justification of the methods to be used, and a financial proposal, with the complete estimated cost-covering fee and any ancillary costs to be incurred, as one document.

The submission should be made before or on February 27th, 2023.

Please send your offer to admin@cantz.or.tz with the subject "Solar Irrigation - Project Evaluation" and copy Boniventure Mchomvu (venture@cantz.or.tz) and Wande Issa (wande@cantz.or.tz)