World Vision
South Sudan

Terms of Reference (ToRs) for Engagement of

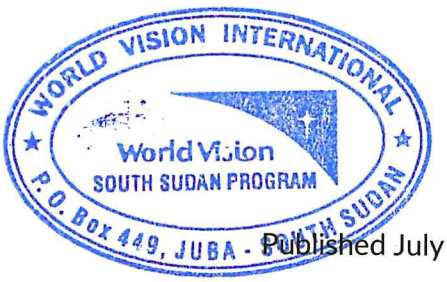
Chief Technical Advisor (Consultancy) - WACRESS Project

Project Location:

Northern Bahr el Ghazal (Aweil East and Aweil Centre Counties), Republic of South Sudan

Donor: Global Environment Facility (GEF)

Project Number: SD 222439



1.0 Introduction

GEF through the United Nations Development Program (UNDP) is supporting Watershed Approaches for Climate Resilience in Agro-pastoral Landscapes Project implemented by World Vision South Sudan (WVSS). The project is being implemented in Aweil East and Aweil Centre Counties, in Northern Bahr el Ghazal State covering six payams (Aroyo, Chel South, Baach, Mangartong, Wunlang and Yargot and twelve bomas (Gaal, Makuei-Agep, Tong-Goi, Pariak, Tit-Chok Mareeng, Aroyo, Kur Chok, Chan-Anguei, Luang Aher, Hal bul, and Wardit. The project targets approximately 75,000 people from agricultural and pastoral communities and bring 15,000 hectares of land under improved practices and is being implemented in collaboration with the South Sudan Government, through the Ministry of Environment and Forestry.

The project aims at building resilience to climate change risks amongst agricultural and pastoral communities of South Sudan. The project plans to accomplish this by developing strategies and capacities to implement community based and gender sensitive climate change adaptation for agriculture and food value chains across South Sudan (Outcome 1); enhance adoption of best practices in climate change resilient agriculture and food value chains by rural communities (Outcome 2); and ensure that communities in micro-watersheds adopt natural resources management and restoration to reduce climate change impacts (Outcome 3). These three outcomes will be covered and sequenced systematically to enhance building of resilience to climate change risks among 75,000 people from agricultural and pastoral communities and bring 15,000 hectares of land under improved practices. This is expected to be done by ensuring that strategies and capacities to implement community based and gender-responsive climate change adaptation for agriculture and food value chains across South Sudan through comprehensive baselines on socioeconomic, ecological, edaphic and topographic characteristics of the site are developed based on field surveys.

This project will build long-term climate resilience among agro-pastoral communities using participatory watershed-based approaches that restore ecosystems. It will re-establish and strengthen market linkages and agricultural value chains and equip extension agencies to support communities in adopting gender-responsive, climate smart agricultural practices and diversifying livelihoods using hands-on, farmer-field based approaches. Climate change will be mainstreamed into management plans and programs in agriculture and NRM and proactive collaboration and knowledge sharing will build synergies with other relevant initiatives.

2.0 Objective

To provide overall technical backstopping and management support to the Project including building baselines of socioeconomic, ecological, edaphic and topographical characteristics of the project sites to inform site prioritization.

3.0 Period of Implementation

The consultancy will include a maximum of 90 days' timeframe, including submission of reports.

4.0 Expected Tasks and Deliverables

The Chief Technical Adviser (CTA) will be responsible for providing overall technical backstopping and management support to the Project. His/her responsibilities will include:

1) Develop geospatial datasets including collating GIS and remote sensing data from national sources such as the NBS, from multilateral partners and from public sources such as USGS, FAO SWALIM, ESA, ISRC and other regional and global facilities, with clear attribution and an annotated bibliography.

2) Use tools such as the Google Earth Engine to develop trend maps and extract statistics on climatic and bio-physical datasets.

3) Coordinate field surveys, including mapping of biophysical characteristics including; (1) Soil samples from agricultural fields; (2) Ground control points for cropping patterns; (3) Identify potential sites for water harvesting and small-scale irrigation; (3) Sites needing flood and erosion control structures; (4) Map resource use by communities including water, fuel, grazing grounds, NTFP and cattle camps; (5) Identify potential sites for soil and water conservation; (6) Identify potential sites for assisted natural regeneration; and (7) Identify suitable native species for uses such as timber, fuel, forage, fruit, fodder and shade.

4) Identifying appropriate agriculture, animal husbandry, income and livelihood diversification options and developing site specific extension and advisory packages for agro-pastoral communities.

5) Analyze field data to develop site specific maps and data to design and guide project activities across its components including: i) soil type; ii) agricultural potential; iii) seasonal cropping pattern; iv) erodibility maps; v) disaster (flood/drought) risk maps, vi) vegetation types.

6) Generate updated GIS datasets on the project sites and micro-watersheds, which includes administrative boundaries and demographic data from available sources. GIS and remote sensing data from official sources are downloaded and processed using tools services such as the Google Earth Engine and collated using available GIS/RS information and extracting relevant information from GIS/RS sources such as USGS, FAO SWALIM, ESA, ISRC and other regional and global sources.

7) Prepare a protocol for the use of these datasets for monitoring project impacts on biophysical parameters, for example indices to track changes in biomass productivity, flood control and vegetative cover.

8) Train field staff in biophysical assessments including participatory field methods and the use of mobile ICT tools such as ODK to collect soil samples, identifying and surveying sites prone to flooding and erosion and sites with potential for soil and water conservation, assisted natural regeneration, water harvesting and small-scale irrigation, collecting samples for soils, ground control points for LULC mapping and site identification.

9) The data should be analyzed leading to the development of high-resolution seasonal land use and land cover (LULC) maps, topographical maps including drainage and flow accumulation, soil maps and maps, published with accuracy matrix based on collection of extensive ground control points for training the image and for accuracy assessment,

showing trends and projections of climatic variables building upon prior analysis and reports.

10) Data and metadata made accessible via Geo-Networks Open Source or similar public standard based, web-based front end.

11) Document traditional and indigenous knowledge.

12) Review of policies and plans, and address gaps in baseline datasets and provide necessary information for scientific and systematic planning of activities for each of the project sites and support the development of; (a) The Environment and Social Impact Assessment Plan; (b) The Strategic Environmental and Social Assessment Plan; and (c) The Environmental and Social Management Plan (and associated thematic plans) that need to be designed and put in place prior to project implementation.

13) Prepare site and farmer specific resource maps and data on livelihood strategies based on seasonal calendars including: i) cropping and agricultural practices; ii) NR extraction (including water & fuel); iii) coping strategies. Conducted separately.

14) Publish data on online repository.

15) Preparing a comprehensive social mobilization strategy and action plan.

16) Designing capacity assessment tool for partner agencies and preparing a strategy and framework for capacity enhancement of local partners.

17) Identifying easy to measure, gender-responsive quantitative socioeconomic vulnerability indicators.

18) With the support of the Project Engineers, prepare a technical report containing design and drawings of water points and pumping systems with detailed estimates for cost, labor and material estimates for each of the proposed interventions. EIA to be included in technical report where applicable. Operation and maintenance plan along with estimates of related costs will be built into the technical report.

19) Provide overall project support, to ensure that all the other project assessments are conducted as per plan including hiring of the National Consultants.

20) Review the Terms of Reference (ToRs) for technical consultancies (including policy revisions as and when necessary) and assist in the selection and recruitment process;

21) The CTA will contribute to the development of the technical contract of internationally acceptable standard and assist with selection process, approach and recommend best candidates

22) Provide specific support at project start-up to set-up strong bases for an effective project implementation including capacity building on project and team management as well as ecosystem-based adaptation as needed

23) Provide advice on best suitable approaches and methodologies for the timely achievement of project targets and objectives.

24) Undertake technical review and provide quality assurance of project outputs (e.g., technical reports, studies and assessments) and field activities.

5.0 Proposed Schedule

The consultancy work will start in August 2024 and all the processes must be completed within ninety days of signing the contractual agreement. The timeframe includes submission of reports. The task is very time sensitive, and hence in the work plan the CTA should present in detail how he/she will adhere to this timeframe.

6.0 Institutional and Organizational Arrangements

The Chief Technical Advisor will report directly to the Senior Project Manager and will have matrix reporting to the Quality Assurance and Strategy Manager. S/he will also work closely with the PMU members.

8.0 Responsibilities of World Vision International, South Sudan

1) Arranging logistics and invitations for meetings and workshops.
2) Provision of meeting and training sites and supplies.
3) Provision of relevant project related and country context documents.
4) Payment of consultancy fee for the service.

9.0 Requirements for Chief Technical Advisor

The CTA should have proven experience in development of strategy and framework for capacity enhancement of local partners. Further to this, the CTA must have the following qualifications and experience:

Education:

1) Advanced University Degree (at least MSc. or equivalent) in the area of climate change or a related discipline such as disaster risk reduction, environmental management, natural resources management, agriculture and water resources management.
2) GIS and Remote Sensing with experience in participatory watershed restoration, application of GIS and Capacity Development.

Experience

1) A minimum of 10 years' international experience in a senior technical lead position with planning and management of environmental and/or natural resources management programs in developing countries;
2) A minimum of 10 years in a senior technical position involved in institutional strengthening and capacity building;
3) Demonstrated experience of working with climate adaptation planning processes would be an asset;

4) Previous similar experience in provision of technical support to complex projects and Global Environment Facility (GEF) financed project will be an added advantage;
5) Proven experience in developing consultancy works on climate change and adaptation.
6) At least 5 years' experience in facilitating TOT and subsequent monitoring of TOT participants.
7) Must have a vast inter-continental experience in facilitating climate change adaptation and natural resource management policy.
8) Previous experiences in various African countries, with recorded levels of success is desirable.
9) Good understanding of South Sudan social and political context.
10) Familiarity with the local economic environment of South Sudan and East Africa is an advantage.
11) Impeccable communication skills, especially with adult learners and semi-illiterate participants.

Language

1) Fluent in English.
2) A fair understanding of Arabic language will be a plus.

10. 0 Term of Payment

World Vision South Sudan will sign contract with Chief Technical Advisor and the following conditions shall be followed:

1) 20% Withholding tax be factored in a Consultant Fee (Professional fee plus 20% withholding tax as per Financial TAXATION ACT (Amendment# 2) PROVISIONAL ORDER, 2012, South Sudan)
2) 30% First instalment upon contract signing and acceptance of Inception Report.
3) 70% Final payment upon completion and acceptance of final report.

11.0 Project Documents

The Project Team will share the project documents on request with the Chief Technical Advisor for reference. However, the Chief Technical Advisor is urged to access more additional literature sources from the different sources relevant to this task.

12.0 Application

Interested and licensed applicants are highly advisable to submit their bids in soft copy or online not later than 30th of July 2024, starting from the announcement date using the following email: toc_no@wvi.org

11.0. DEADLINE FOR APPLICATIONS

1) **July, 30th 2024**

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