

Terms of Reference for updating the draft Rwizi CMP of Rwizi Catchment-Victoria Water Management Zone

Background

The Ministry of Water and Environment through the Directorate of Water Resources Management (DWRM) has since 2006 been implementing Catchment Based Water Resources Management (CbWRM) framework in the country. The country has therefore been delineated into 4 Water Management Zones (WMZ) of: - Victoria, Kyoga, Albert and Upper Nile, based on the four major hydrological basins in the country. Within each WMZ, there are smaller hydrological units called catchments, a level at which planning, development and management of water resources is being implemented following IWRM principles. To date, the CBIWRM framework is being implemented in various Catchments such as Rwizi and Maziba in South Western Uganda, Mpanga, Albert, Semliki in Western Uganda, Aswa and Albert Nile in Northern Uganda, Awoja and Mpologoma in Eastern Uganda as part of the 2005 Water Resources Management sub-sector reform study recommendations. This move was intended to promote integrated planning and the active participation of all stakeholders including women, the private sector, Local Governments, Non-Governmental Organizations and Community Based Organizations in the management and development of the country's water resources with the catchment as the planning unit.

About Rwizi Catchment

The River catchment, which lies in the VWMZ, provides water resources for a large number of people in S.W Uganda. It has a catchment with total area of 8210 km² covering eleven District local governments of Buhweju, Sheema, Ntungamo, Mbarara, Rwampara, Kiruhura, Isingiro, Lyantonde, Lwengo, Kyotera and Rakai. The upper, central and lower reaches of the catchment are covered by wetlands which make up about 3.5% of the total land area. Forests make up approximately 2.5% and open water 1%, the rest consisting of open vegetation, grassland and shrubs. The wetlands in the catchment play an important role in capturing and storing water, releasing it into the river channel over time. They attenuate high flows and also help in trapping and settling sediment. The main economic activities in the catchment are subsistence and commercial crop agriculture, livestock rearing, fish farming, tourism and local industries (brick making, sand mining, motor vehicle washing, motor vehicle repair garages, use of the papyrus

reeds for making baskets, mats and art pieces and wide-spread growing of eucalyptus trees). A diverse range of small, medium and large water users rely on the catchment's water resources for their supply, which include groundwater and surface water (from the river, lakes, naturally-occurring wetlands and constructed valley dams and tanks).

Work done in Rwizi Catchment

To date, some work has been done in the catchment either directly by DWRM and its partners like the Rwizi CMO, Coca-Cola, GIZ etc.. or indirectly through research and studies by other agencies and indicated below:

- In 2007, a partial water resources situation analysis and stakeholders mapping and analysis were carried out which seems to be now out-dated.
- 2013, a stakeholders' led governance structure for water and related resources called a Catchment Management Organisation was set up and it's still active.
- In 2013 a Public Private partnership (PPP) project between MWE, GIZ and The Coca Cola system was formed. The project is called "IMPROVED COMMUNITY LIVELIHOODS AND SUSTAINABLE WATER MANAGEMENT IN RIVER RWIZI CATCHMENT". The aim of the project was to support efforts of MWE and others aimed at increasing water availability within the R. Rwizi in particular and sustainable water use and resources management within the catchment in general. The project has been able to carryout a Water Risk and Sustainability Assessment (WRSA) for the catchment and restoration of 280acres of degraded wetlands of Nyakambu, Masheruka, Nyakaikara and Nyaruteme.
- 2015-todate, restoration of degraded hotspot micro catchments completed or ongoing in Rubara-Nsika-Buhweju district, Masyoro-Kyangyenyi-Sheema district, Kakondo-Bukiro-Mbarara district, River banks in Mbarara municipality, Kabingo-Isingiro district.
- 2015/16 development of a draft Rwizi Catchment Management Plan. WSS Services(U) Ltd

When the plan was presented to stakeholders they pointed the CMP had a number of gaps that needed to be addressed to rend the CMP implementable. Some of the gaps that were pointed out were generalisation of issues without being specific and precise about their

location. The other gap was that the extentensivity and the intensivity of the issues was not clear and therefore they could not easily quantified.

The Directorate of Water Resources(DWRM) through its deconcentrated structure-VWMZ in partnership with ACODE is therefore planning to procure a Consultant to carry out a comprehensive review of the CMP with an aim of having the gaps as identified by stakeholders addressed.

Key activities

The Key activities of the assignment are to:

1. Comprehensively review the draft Rwizi CMP and ensure that the identified issue are clearly specified, their locations clearly stated easily quantified..
2. With the use of appropriate tools Identify (options) or groups of options that are needed to address the main issues and reverse those trends that undermine sustainable development in the catchment.
3. **Expected outputs:**
 1. Rwizi draft report with issues that clearly specified, precisely located and their extent easily quantified This will render the CMP to be easily implemented as well as integrated in the planning frameworks.
 2. GIS maps showing locations of identified issues as well as a tables showing the locations of the issues. The table should also indicate their possible measures.

Scope of work:

The consultancy will entail the comprehensive review of the Rwizi CMP and therefore this is mainly desk activity. However it may be necessary for the consultant to go out in the field to map out hot spots and estimation of their size

. The consultancy is expected to be completed within 1month from the time of start.

The Consultancy will perform the following tasks:

Task 1: Review of the Rwizi draft CMP.

The assignment will require studying the document and identify and ensure that information therein is presented as provided in the Uganda Catchment Planning Guidelines. The document should also be updated with precise location of the issues, their extents (quantification of the issues) and possible measures needed to address them.

Task 2: Field visit to map out precise location of the issues

- Mapping out issues to determine their location and extent will require the consultant to go out in the field. The consultant will therefore be expected to travel to the field to map out the precise location of the issues which will later serve as intervention sites during implementation

Task 3: Preparing the updated draft CMP

Task 4: Preparation of the updated Rwizi draft CMP

With task 1&2 completed, the consultant will consolidate all the information and come up with the reviewed draft CMP:

Conclusions and Recommendations

Reports and Schedule of Deliverables

It is estimated that the work will require a maximum input of 2 man-months. The principle outputs from the consultancy include:

- i. Tables and maps showing the locations of the identified issues, their extents and possible measures to address these issues
- ii. Draft CMP that is updated with precise locations of hotspot' the extent and possible intervention measures.

The Consultancy shall prepare and submit all documents and reports in English, in an approved format to the Client. The Consultancy will initially submit two copies of draft reports for comments by the clients. The comments of the client shall be incorporated in the final version of the reports and. Three (3) hard copies of well bound CMP and 1 (one) soft copy (MS Word, Excel) of each of the final report/documents shall be sent to the client.

Qualifications

The consultant should have professional qualifications at a Master's level in any of the the fields of Water Resources Management or, Environmental science with at least 10years experience. Experience in developing SSEA reports is a requirement. Samples of previous work can be included as Annexes to the proposal.

Institutional Arrangements/Reporting

DWRM-VWMZ will be responsible for providing the overall technical oversight of the assignment. The Consultant will report directly to the Executive Director, ACODE.

Special Terms and conditions

The draft and final reports shall remain the property of the employer and the consultant has no right to distribute it for any other purposes unless authorized by the employer.

Submission Requirements

Proposal submissions are to include:

1. A technical proposal
2. A schedule for delivery of outputs
3. A cost proposal (budget)

Please note that submissions should be addressed the Executive Director, Advocates Coalition for Development and Environment by the 10th December 2019 before 5pm.