



ECOWAS COMMISSION
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CENTRE DE GESTION DES RESSOURCES EN EAU (CGRE)
WATER RESOURCES MANAGEMENT CENTER (WRMC)
CENTRO DE GESTÃO DOS RECURSOS HIDRICOS (CGRH)

Terms of Reference (TOR) for the Recruitment of an Engineer in hydraulics or rural engineering, for the Special Project: “Improving access to drinking water for the benefit of vulnerable populations in the ECOWAS Member States”.

I. Project Context

The **Water Resources Management Center (WRMC)** is the specialized agency in charge of water resources management of the **Economic Community of West African States (ECOWAS)**. In a context of climate change and violent extremism affecting part of the population of the community area, ECOWAS, through the WRMC, wishes to improve the conditions of access to drinking water in the target beneficiary areas at the level of the **fifteen (15)** West African States.

Thus, the WRMC initiated a **Special Program**: “Improving Access to Drinking Water”, spanning **three (03) years (2024-2026)**. As a focus for action, the special program targets the creation of resilient infrastructure projects providing access to drinking water for the benefit of vulnerable populations in ECOWAS member states. This special project comes as a continuation of the pilot phase relating to the construction in 2022 of three (03) Autonomous Water Stations in the prefecture of Mayahi, Maradi Region in the Republic of Niger.

At regional level, the project as a whole is aligned with **ECOWAS Vision 2050**, in its Pillar 04: “*Inclusive and Sustainable Transformation and Development*”, through the improvement of access to basic services (water, sanitation, etc.) for sustainable development; an integral part of Strategic Orientation (ORS1): “*Ensuring Human and Social Development*”. It also contributes to the implementation of Strategic Axes 02 and 03 of the West African Water Resources Policy (**PREAO**), which aim to : Promote investment, cooperation and regional integration in the water sector. Finally, this project contributes directly to the achievement in West Africa of target 6, and indirectly of targets 2 and 3 of the United Nations Sustainable Development Goals (SDGs), through the development of socio-economic and environmental services linked to access to drinking water.

The purpose of these Terms of Reference (TOR) is to recruit a **Senior Hydraulics or Rural Engineering Engineer** to carry out the necessary feasibility studies with a view to drawing up the technical specifications, in the context of a call for tenders for the construction of drinking water access infrastructures in the target localities designated by the national supervisory structures of the ECOWAS member states for the year 2024.

II. Senior Engineer Job Description

1. Position and Mission

The position is for a Consultant at the Ouagadougou based Water Resources Management Center (WRMC/CGRE), to draw up technical documents (feasibility and specifications) and coordinate activities for the effective development of infrastructure for access to drinking water for the benefit of vulnerable populations in the ECOWAS member states. The Senior Engineer will be assisted by a Procurement Specialist to carry out his mission.

2. Objectives

The main objective of the Senior Engineer will be to carry out the necessary activities leading to the preparation of a Standard Bidding Document (SBD) to be submitted to the various local service providers in the beneficiary states with a view to selecting of suppliers/companies to build the required infrastructure for access to drinking water in localities identified by the Member States.

Specifically, the Senior Engineer will be responsible for:

- Review the list provided by the Member States of the localities to benefit from drinking water infrastructure for access to drinking water and propose the final pre-list to the WRMC/CGRE;
- Carry out a technical study for the construction of an Autonomous Water Station (PEA) with the minimum technical requirements to be met and in compliance with the relevant with the relevant standards;
- Draw up standard technical specifications (technical and administrative data) for the development of of PEA;
- Define the allotments for the tenders to be launched for the selection of suppliers/companies to carry out the water infrastructure on the basis of the final list of localities;
- Establish technical criteria for recruiting service providers (suppliers/companies) for PEA implementation;
- Draw up a Standard Bidding Document (SBD) per lot for the entire project, in collaboration with the procurement specialist;
- Assist in the selection of service providers;
- Coordinate the execution of infrastructure implementation among countries on behalf of the WRMC/CGRE.

3. Expected results

The expected results expected from the Engineer's work are as follows:

- ✓ Drawing up a list of localities to benefit from drinking water supplies;
- ✓ A technical study report for the construction of an Autonomous Water supply Station.
- ✓ A standard technical specification consisting of technical and administrative data.
- ✓ Identification of the lots for the construction of the required infrastructure.

- ✓ Clear and understandable technical criteria for recruiting of infrastructure contractors.
- ✓ A Standard Bidding Document (SBD) for infrastructure construction
- ✓ Monthly activity reports
- ✓ An execution report on the infrastructure built in the beneficiary countries.

4. Location and duration of assignment

The Engineer's mission will be carried out at the Water Resources Management Center (CGRE), in Ouagadougou, Burkina Faso and its duration will be **six (06) months**, renewable. Renewal will be done on the basis of performance achieved following evaluation.

5. Profiles and qualifications of the Senior Engineer

To be eligible, the Engineer must have the following minimum profile:

- Hydraulic and/or Rural Engineer at BAC + 5 level (Master's degree or Equivalent) of a renowned Engineering School or University;
- At least 15 years general experience in the field of building drinking water supply infrastructure;
- Specific experience of at least 5 years as Project Manager for technical feasibility studies in the domain of drinking water supply in rural and/or peri-urban areas or in the construction of water supply infrastructure particularly in West Africa;
- Demonstrate sufficient capacity in the execution of infrastructure works providing access to drinking water such as autonomous water stations as Works Manager or Supervisor;
- In-depth knowledge of standards and regulations governing the construction of drinking water infrastructure in West Africa;
- Experience in procurement for major donors or public contracts;
- Proficiency in at least two of the three official ECOWAS languages (French, English, Portuguese);
- Good command of common IT tools or utilities.

6. Senior Engineer Selection Criteria

The consultant will be selected according to the qualification-based selection method as defined in the ECOWAS Public Procurement Code.

The interested candidate must : Be a national of one of the ECOWAS countries. He/she must demonstrate the qualifications required for the needs of the project, in particular:

Criteria	Number of Points
Degree in hydraulic engineering and/or rural engineering (Bac+5 years of studies, Master or Equivalent)	20
General experience in the field of building drinking water supply infrastructure: 15 years (1 point per year)	15
Specific experience as Project Manager for technical feasibility studies and drinking water supply works in rural and/or peri-urban areas: 10 references (5 points per reference)	50
Procurement Experience	10
Proficiency in at least two ECOWAS languages (French, English, Portuguese)	5
Total points	100

NB: Candidates with the highest scores will be short-listed. An interview will be held for the final selection. **A minimum score of 70/100 is required.**

III. General Conditions for the Position

1. Eligibility

The ECOWAS Commission, through the Water Resources Management Center (CGRE), hereby invites individuals to express their interest in providing the required services by providing information on their abilities to carry out the assigned missions. according to the qualification criteria described above in the TOR.

*** Attention of interested consultant is drawn to the ECOWAS policy on conflicts of interest .**

2. Application File

The application file consists of the following items:

- A signed letter of interest , indicating the engineer's period of availability ;
- An updated and signed curriculum vitae detailing professional experience and similar assignments;
- A summary methodology for carrying out the engineer's assignment;
- The professional references mentioned in the CV must stand out (surname and first name, current and previous positions, email address and telephone number, certificates of good performance, work certificates or any useful document proving the experience described by the candidate);

- A certified copy of the highest degree;
- Copies of work or service certificates mentioned in the CV.

3. Submission of application and request for additional information

Interested candidates are invited to apply by sending their application files by email to the address: wrmc_cgre@ecowas.int, or by post to the address **11 BP 1437 Ouaga 11 Burkina Faso**, or submitted in sealed envelopes to the WRMC-CGRE at the following address: "Maison de la ECOWAS", located in Ouaga 2000, Tel : +226 50 35 11 35 ; with reference : " **Senior Engineer – Special Project : PEA** ".

For further information, please refer to the above addresses.

4. Submission deadline

The deadline for receiving of applications is **May 31, 2024 at 4:00 GMT**.