



REPUBLIC OF KENYA  
MINISTRY OF WATER, SANITATION  
AND IRRIGATION (MWSI)



ATHI WATER WORKS DEVELOPMENT  
AGENCY(AWWDA)



FRENCH DEVELOPMENT AGENCY

<b>PROJECT NAME:</b>	<b>NAIROBI WATER AND SANITATION PROJECT</b>
<b>Credit No.</b>	<b>CKE 1135 01H</b>
<b>REol No:</b>	<b>AWWDA/AFD/NWSP/CS-05/2023</b>

## REQUEST FOR EXPRESSION OF INTEREST FOR CONSULTANCY SERVICES FOR HYDROGEOLOGICAL INVESTIGATIONS AND SURVEYS FOR GROUNDWATER RESOURCES FOR NAIROBI

- The Athi Water Works Development Agency, a State Corporation under the Ministry of Water, Sanitation and Irrigation (MWS&I), has received financing from Agence Française de Développement ("AFD"), towards the cost of the Nairobi Water and Sanitation Project, and intends to use part of the funds thereof for payments under the following services: **Consultancy Services for Hydrogeological Investigations and Surveys for Groundwater Resources for Nairobi. AWWDA/AFD/NWSP/CS-05/2023.**
  - The Services of the Consultant shall consist of the following:
    - To study, define and map the limits of ground water in the study area i.e. the five Counties of Nairobi, Machakos, Kiambu, Murang'a & Kajiado;
    - To study and provide a clear understanding of the groundwater resource in the study area – i.e. clear definition of the aquifers, their characteristics, interactions, recharge points e.t.c. and consequently propose a global water balance in the study area;
    - Undertake a detailed assessment of the groundwater availability in terms of quality and quantity distribution for different hydrogeological terrains within the study area;
    - Carry out detailed hydro census/abstraction surveys & remote sensing.
    - To study and provide a clear indication of a particular spatial distribution of the aquifer potential. To provide clarity concerning the infiltration from the rivers and the lateral outflows;
    - Establish and map out areas of negative balance that should be capped and no more development of groundwater resources in those parts;
    - Evaluating groundwater quality for various in the study area proposing suitable treatment for the same; and
    - To identify, define and map potential recharge points for the Nairobi Aquifer Suite.
    - Prepare Detailed Design for the identified potential recharge points.
    - Develop a detailed strategy & investment plan on ground water recharge interventions within Nairobi Aquifer Suite;
    - Review and design well fields identified in the Master Plan for developing New Water Resources 2012 & Third Nairobi Water Supply Masterplan
    - To provide an institutional plan for future exploitation and development of ground water resources in the study area.
    - To evaluate the Technical, Financial, Economic and Environmental viability for sustainable Groundwater investments, including alternative power sources to operationalize groundwater abstraction. The output of this evaluation will be a detailed ground water investment plan covering but not limited to ground water recharge activities, sustainable ground water exploitation and utilization and ground water protection investments.
  - The Athi Water Works Development Agency hereby invites Applicants to express their interest in delivering the Services described above. This Request for Expressions of Interest is open to: Consultant Firms.
  - Eligibility criteria to AFD financing are specified in sub-clause 1.3 of the "Procurement Guidelines for AFD Financed Contracts in Foreign Countries", available online on AFD's website: <http://www.afd.fr>.
  - In order to confirm eligibility for AFD financing, interested firms shall submit (as part of the expression of interest) a duly signed 'statement of integrity' which is appended to this REol and can be downloaded from [www.awwda.go.ke](http://www.awwda.go.ke).
  - The Applicant shall submit only one application, either in its own name or as a member of a Joint Venture (JV). If an Applicant (including any JV member) submits or participates in more than one application, those applications shall be all rejected. However, the same Subconsultant may participate in several applications. If the Applicant is a JV, the expression of interest shall include:
    - a copy of the JV Agreement entered into by all members,
    - or
    - a letter of intent to execute a JV Agreement, signed by all members together with a copy of the Agreement proposal,
- In the absence of this document, the other members will be considered as Subconsultants. Experiences and qualifications of Subconsultants are not taken into account in the evaluation of the applications.
- The attention of interested consultants is drawn to paragraph 1.2.3 of AFD's Procurement Guidelines, setting forth AFD's policy on conflict of interest.
- Interested Applicants must provide information evidencing that they are qualified and experienced to perform these Services. For that purpose, documented evidence of recent and similar services shall be submitted demonstrating:
    - Presentation of the Consultancy Firm: general presentation, scope of activities, financial data for the past 3 years, description of human resources, organogram, etc.
    - Similarity of the experiences based on:
      - The contracts size;
      - The nature of the Services: Experience on similar projects during the last 7 years.
      - Experience on donor funded projects.
    - Availability of the Technical Expertise: Presence of appropriate skills among staff. The Consultant will provide information (sample CVs or synopsis) for potential involvement of following staffs (not limited to), bearing in mind that other individuals may be presented at bidding stage: Team Leader, Geotechnical Engineer, Geologist, Hydrogeologist, Civil/Water Engineer, Environmentalist, Geographic Information System (GIS) Expert, Sociologist, Water Quality & Process Expert, Finance/Economics Expert.  
Permanent staff of the Consulting firm will be favored for Key Staff. Potential backstopping support should also be described.
    - Quality Assurance Procedures and Certifications of the Applicant (ISO 9001 and/or Environmental and Social Certification)
  - Among the submitted applications, Athi Water Works Development Agency will shortlist a maximum of six (6) Applicants, to whom the Request for Proposals to carry out the Services shall be sent. A Consultant will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the Procurement Guidelines.
  - Expressions of Interest **must** be delivered in written form to the address below in person (hardcopy and flash disk) or by email (in PDF format, maximum size 15MB) no later than **17<sup>th</sup> October 2023 at 1200 hours East African Time**; clearly marked "**Expression of Interest for Hydrogeological Investigations and Surveys for Groundwater Resources for Nairobi Contract No. AWWDA/AFD/NWSP/CS-05/2023**". Acknowledgement of receipt of applications received by email will be provided.
  - Interested Applicants may obtain further information at the address below during office hours from 0800 to 1700 hours from Monday to Friday excluding lunch hour (1300 to 1400 hours and public holidays).

**The Chief Executive Officer,  
Athi Water Works Development Agency,  
Ground Floor, Athi Water Plaza  
Muthaiga North Road, Off Kiambu Road  
P.O. Box 45283-00100 Nairobi, Kenya.**

**Tel: 254 020 2724292/3, Fax: 254 020 27224295, Email: [info@awwda.go.ke](mailto:info@awwda.go.ke)**

