



ATHI WATER WORKS DEVELOPMENT AGENCY
REQUEST FOR EXPRESSIONS OF INTEREST
(CONSULTING SERVICES – FIRMS SELECTION)

Country: **Kenya**

Project: **NAIROBI RIVERS REHABILITATION AND RESTORATION PROGRAM:
SEWERAGE IMPROVEMENT PROJECT PHASE II (NARSIP II)**

Assignment Title: **CONSULTANCY SERVICES FOR FEASIBILITY STUDY REVIEW, CONCEPTUAL DESIGN, AND TENDER DOCUMENTATION FOR CONSTRUCTION OF WASTEWATER ENERGY RECOVERY AND SLUDGE MANAGEMENT FACILITIES AT DANDORA ESTATE WASTEWATER TREATMENT PLANT** REOI No. AWWDA/NARSIP II/CS/07/2023

The Government of Kenya (GoK) on behalf of Athi Water Works Development Agency (AWWDA) has received financing from the African Development Bank (AfDB) towards the cost of the Nairobi Rivers Rehabilitation and Restoration Program: Sewerage Improvement Project Phase II (NARSIP II) and intends to apply part of the amount to payment under the contract for consultancy services for feasibility study review, conceptual design and tender documentation for construction of wastewater energy recovery and sludge management facilities at Dandora Estate Wastewater Treatment Plant (DEWWTP).

The objective of this consultancy is to engage a consulting firm to undertake a feasibility study review, conceptual design, and tender documentation for the construction of wastewater energy recovery and sludge management facilities at the Dandora Estate Wastewater Treatment Plant.

The specific objective of the assignment includes but is not limited to:

- a) To review the proposed energy recovery interventions in the feasibility study report and update to the most appropriate intervention in regard to the current situation of the DEWWTP.
- b) To conduct a comprehensive assessment of the current status of the DEWWTP, including the status of the civil infrastructure, anaerobic ponds, and other components, in order to identify areas that require improvement.
- c) To prepare conceptual designs, technical specifications, evaluation criteria, performance criteria, and any other relevant project-specific information.
- d) To provide detailed cost estimates for the project, including capital costs, operating costs, and revenue projections.
- e) To prepare tender documentation for the proposed energy recovery and sludge management facility, including construction of the energy recovery facility, and the effluent reuse options.
- f) To conduct an environmental and social impact assessment in accordance with national and international regulations and standards.

- g) To undertake Project Financial and Economic models for proposed project activities, including examination of different business models for implementation, operation and maintenance costs, and project risk assessment.
- h) To prepare and assist AWWDA submit at least three comprehensive proposals for securing financing for the project from climate action funds.

The consultancy services will be carried out over a period of 12 (Twelve) months which will cover feasibility study review, situation analysis, conceptual design, and tender documentation.

Athi Water Works Development Agency now invites eligible consultants to indicate their interest in providing these services. Interested consultants must provide information indicating that they are qualified to perform the services. The shortlisting criteria are:

- a) Experience in similar assignments
- b) Experience in similar conditions.
- c) Availability of appropriate skills amongst staff e.g., Water Engineers, Sanitary/sewerage experts, electromechanical engineers, Surveyors, CAD experts, Environmentalists, and Sociologists.
- d) Demonstration of knowledge in working modalities of climate action funds.

Eligibility criteria, establishment of the short-list, and the selection procedure shall be in accordance with the Guidelines for recruitment of consultants under the “*Procurement Policy for Bank Group Funded Operations*” dated October 2015, which is available on the Bank’s website at <http://www.afdb.org>.

Consultants will be selected in accordance with the Quality and Cost Based Selection (QCBS) method set out in the Consultant Guidelines.

Interested consultants may obtain further information at the address below during office hours **0800 to 1700 Hours** from Monday to Friday excluding lunch hour (1300 to 1400Hrs) and public holidays.

Expressions of interest must be delivered in a written form to the address below (in person, by mail, or by fax, or by e-mail) to the address below by **29th June 2023 at 12.00 noon** East African time and mention the **Expression of interest for Consultancy Services for Feasibility Study Review, Conceptual Design, And Tender Documentation for Construction of Wastewater Energy Recovery and Sludge Management Facilities at Dandora Estate Wastewater Treatment Plant REOI No. AWWDA/NARSIP II/CS/07/2023**

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