

THE UNITED REPUBLIC OF TANZANIA
MINISTRY OF WATER



REQUEST FOR EXPRESSIONS OF INTEREST
(CONSULTING SERVICES – FIRMS SELECTION)

DODOMA RESILIENT AND SUSTAINABLE WATER DEVELOPMENT AND
SANITATION PROGRAM, PHASE I

CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY STUDY, DETAILED DESIGNS, ESIA, RAP AND TENDER DOCUMENTS FOR WATER SUPPLY DISTRIBUTION NETWORK FOR BAHU, CHAMWINO DISTRICT TOWNS AND DODOMA CITY; WASTEWATER MANAGEMENT SYSTEMS FOR DODOMA CITY, BAHU, CHEMBA AND CHAMWINO DISTRICT TOWNS; AND SOLID WASTE MANAGEMENT FOR DODOMA CITY.

Financing Agreement Reference: **2100150042943**

Project Id No.: **P-TZ-E00-011**

Reference No/Tender No.: 49/2023/2024/C/03 Date: 17th May 2024

1. The United Republic of Tanzania has received financing from the African Development Bank toward the cost of Dodoma Resilient and Sustainable Water Development and Sanitation Program Phase I and intends to apply part of the agreed amount for this loan to payments under the contract for Provision of **Consultancy Services for Preparation of Feasibility Study, Detailed Designs, ESIA, RAP and Tender Documents for Water supply distribution network for Dodoma City, Bahi and Chamwino District Towns; Wastewater Management Systems for Dodoma City, Bahi, Chemba and Chamwino District Towns; and Solid Waste Management for Dodoma City.**

2. The description of services included under this project are;

The preparation of detailed designs, ESIA and Tender documents for Water Supply Distribution Network for Dodoma City, Bahi, and Chamwino District Towns; Wastewater management systems for Dodoma City, Bahi, Chemba and Chamwino District Towns; and Solid Waste Management for Dodoma City. The detailed scope of services and tasks is given below;

A. Water supply

- i. Visiting the project area (PA) to examine the condition of existing Water supply distribution services in Dodoma City, and towns of Chamwino and Bahi, as well as Sankwaleto village in Chemba District and conduct discussion with Dodoma Urban Water Supply and Sanitation Authority (DUWASA), RUWASA and all other stakeholders in Water sector.

- ii. Prepare feasibility studies and detailed design for expansion of water supply distribution network to reach unsaved areas, new developed areas and developing areas of Dodoma City and Towns of Bahi and Chamwino, as well as Sankwaleto village in Chemba District.
- iii. Cross-check with existing and ongoing/completed projects and align with the detailed design to be developed.
- iv. Detailed scheme layout, topographic survey profiles, hydraulic design of distribution network and hydraulic structures including storage tanks.
- v. Propose NRW reduction interventions in Dodoma City to lower existing NRW.
- vi. Financial/Economic analysis of capital investment and operation and maintenance in the Project.
- vii. Prepare a Water Supply Master plan for Dodoma City and the Towns of Bahi, Chamwino and Chemba, conduct and prepare infrastructure audit report on the system functionality, estimated cost of rehabilitation and new investment.
- viii. Prepare ESIA, RAP and ESMPs as required and in line with Applicable Standards.
- ix. Prepare Tender documents and Engineering Estimates.

B. Wastewater Management

- i. Review and update of the Detailed Design of Sewerage services in Dodoma City and Chamwino district town done in 2018/2020, assess and propose suitable and economical waste water management system including sewerage interventions.
- ii. Assess the condition and performance of the existing sewerage services.
- iii. Prepare feasibility study and Detailed designs for waste water management systems for the town of Chemba (including Sankwaleto village) and Bahi district towns.
- iv. Propose and provide suitable and economic design of wastewater management system to unsaved areas and pro poor interventions for Dodoma City, Chamwino, Chemba (including Sankwaleto village) and Bahi district towns.
- v. Conduct financial/economic analysis of capital investment, operation and maintenance of proposed waste water management systems.
- vi. Prepare ESIA, RAP and ESMPs as required and in line with Applicable Standards.
- vii. Prepare Tender documents and Engineering Estimates.

C. Environmental and Social Safeguard Compliance.

A full ESIA of the proposed plans and designs will be undertaken by the Consultant to meet the requirement of National regulations (The Environmental Management Act (Act No. 20 of 2004) and International standards (AfDB integrated safeguard system requirements) where applicable. The task shall consider the following areas:

Environmental and Social Impact Assessment Study

- i. Identification and evaluation of main project alternatives.
- ii. Preparation of a Stakeholder Engagement Plan (SEP) as a separate document or as part of the ESIA.
- iii. Stakeholder consultation and engagement with the project affected and interested persons.
- iv. Preparation of scoping report for NEMC approval.
- v. Preparation of preliminary design.

- vi. Conduct climate change assessment including climate change mitigation and adaptation measures.
- vii. Assessment gender mainstreaming consideration highlighting gender concerns and considerations in project development.
- viii. Proposal of a Grievance Redress Mechanism that will apply during project development and implementation
- ix. Preparation of ESIA report with ESMP.
- x. Preparation of additional E&S risk management plans as appropriate. These can include traffic management plan, catchment management plan, water resources management plan, livelihoods restoration plan, waste management plan, labor management plan, etc.

Resettlement Action Plan

The Consultant will also assess all issues related to land acquisition in the PA and prepare the Resettlement Action Plan (RAP) whose main tasks will be as follows;

- i. Identification of the PAPs (include inventory assessment, socio-economic survey etc);
- ii. Engagement plan with the PAPs and the outcome of any engagement;
- iii. Outlining the Legal Framework within which the RAP exercise has been undertaken;
- iv. Compensation framework outlining the eligibility for compensation and/or assistance specifying the responsibility for compensation and compensation schedule;
- v. Any resettlement assistance and livelihood restoration opportunities with a focus on women and vulnerable persons/groups;
- vi. RAP Budget and implementation schedule;
- vii. Outline the organizational and institutional responsibilities in RAP implementation;
- viii. Develop an effective grievance redress mechanism that will manage grievances from the PAPs; and
- ix. Monitoring and Evaluation plan of RAP implementation

D. Solid Waste Management plan for Dodoma City

- i. The Consultant should undertake comprehensive baseline assessment of the quantities and type of wastes generated, existing handling practices and waste treatment and disposal facilities as well as the waste collection and treatment system.
 - a. Plan and organize a solid sampling and characterization, to determine the composition of biodegradables and recyclables present and prepare recovery projections accordingly.
 - b. Identify major non-municipal solid waste producers and pollution sources that may require careful attention and separation from municipal waste. Recommend appropriate actions required.
- ii. Prepare an overall strategy for solid waste management in Dodoma City with a time bound action plan for implementation.
- iii. Conduct a compost marketing study for Dodoma City.
- iv. Propose and design mechanism for recycling/re-use of waste to produce energy which is cost effective and environmentally friendly.

- v. Ensure adequate site investigations are carried out for the design of the solid waste management works.
- vi. Conduct feasibility studies and detailed design including calculations, BOQs, specifications and drawings for (a) Dodoma City compost plant; (b) landfill site and equipment and (c) transfer stations, primary and secondary collection (including collection routes and vehicles); (d) based on bill of quantities, prepare detailed engineering cost estimates and tender document.
- vii. The proposed interventions are to include public awareness campaigns, Institution setup, capacity building initiatives, and the provision of Solid Waste Management (SWM) Infrastructures which are economically and financially viable, based on legal and policy of GoT.

3. The **Ministry of Water (MoW)** is the executing agency of this project now invites eligible consultants to express their interest in providing the above services. Interested Consultants must provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The shortlisting criteria are:

- i. Brochures,
 - ii. Demonstrate experience in carrying out at least five (5) similar assignments in the last 10 years in Preparation of Feasibility Study, Detailed Designs, ESIA, RAP and Tender Documents for Water supply distribution network and Wastewater Management Systems and Solid Waste Management,
 - iii. Experience in similar conditions Preparation of Feasibility Study, Detailed Designs, ESIA, RAP and Tender Documents for Water supply distribution network and Wastewater Management Systems and Solid Waste Management Systems at least three (3) projects performed in emerging and /or developing countries.
 - iv. Experience to have worked in Sub Sahara Africa or similar conditions, availability of appropriate managerial and technical skills among staff related to the assignment, for each project performed, **the Consultant shall provide the name and address of the Client, start date and completion dates, and name(s) of lead and associate firms.** Cited projects **with insufficient information will not be considered.** Consultants may form joint venture to enhance their chances of qualification.
4. Eligibility criteria, the establishment of the short-list and the selection procedure shall be in accordance with the **Bank's Procurement Policy Framework dated October 2015** which is available on the Bank's website at <http://www.afdb.org>.
5. Interested consultants may obtain further information at the address below during office hours from 8:00 to 15:30 hours, Monday to Friday inclusive, except on public holidays.
6. Expressions of interest must be delivered to the address below in person, or by courier by 07 June **2024** date at or before 11:00 hour's local time and clearly marked **EXPRESSION OF INTEREST FOR CONSULTANCY SERVICES FOR PREPARATION OF FEASIBILITY STUDY, DETAILED DESIGNS, ESIA, RAP AND TENDER DOCUMENTS FOR WATER SUPPLY DISTRIBUTION NETWORK FOR DODOMA CITY AND BAHU AND CHAMWINO DISTRICT TOWNS; WASTEWATER MANAGEMENT SYSTEMS FOR DODOMA CITY, BAHU, CHEMBA AND CHAMWINO DISTRICT TOWNS AND SOLID WASTE MANAGEMENT FOR DODOMA CITY.**

7. Electronic Submission is not acceptable.

Physical Address is:

The Secretary Ministerial Tender Board

Ministry of Water,

Government City, Mtumba, Maji Street, PMU Office No. 1, Ground Floor

Dodoma, Tanzania

E-mail: pmu@maji.go.tz

PERMANENT SECRETARY