



WATER SERVICES REGULATORY BOARD (WASREB)

REQUEST FOR EXPRESSION OF INTEREST (CONSULTING SERVICES – FIRM SELECTION) COUNTRY: KENYA

NAME OF PROJECT: WATER AND SANITATION DEVELOPMENT PROJECT (WSDP)
PROJECT No.: P156634
CREDIT No. 630 -KE

ASSIGNMENT TITLE: CONSULTING FIRM - UPGRADE OF MAJIDATA AND MAPPING OF
SMALL-SCALE SERVICE PROVIDERS & UTILITY NETWORKS

CONTRACT REF. No: KE- WASREB-235524-CS-QCBS

The Government of the Republic of Kenya has received financing from the World Bank towards the cost of Water and Sanitation Development Project (WSDP), and it intends to apply part of the proceeds to payments for consulting services for **Upgrade of Majidata and Mapping of Small-Scale Providers (SSSPs) & utility Networks** under Component 3 of the project.

- The Project comprises four components:-
 - Expansion of water supply and sanitation services in the coastal region, - Mombasa, Kwale, Kilifi and Taita Taveta Counties
 - Expansion of water supply and sanitation services in Wajir and Garissa Counties
 - National performance-based financing (PBF) that includes support for water and sanitation infrastructure investments, and technical assistance for performance-based financing.
 - Project management to finance the management activities associated with project implementation.
- In line with WASREB's mandate, the objective of this assignment is to enhance Majidata system to make it more user friendly in terms of updating and maintaining information. In addition to this, undertake mapping of all SSSPs in all the forty-seven (47) counties as well as the collation and standardization of existing spatial data for water and sewer networks of fifteen (15) select Water Service Providers (WSPs).
- The specific objectives of the assignment are : (i) To upgrade the current tool - Majidata website, GIS portal and database (ii) To map all the SSSPs in the 47 counties and collect basic attributes on the operations of the systems as per the tool developed by WASREB (iii) Collate, standardize and import existing spatial data for both water and sewer networks for fifteen (15) select utilities and update the information in the portal, to develop a public visualization portal to display the digital sector performance report, to develop a private portal to enable administration of data.
- Duration of the assignment is 12 Months.
- Water Services Regulatory Board now invites eligible firms "Consultants" to express their interest (EOI) in providing these services. Interested Consulting firms should provide information demonstrating that they have the required qualifications and relevant comprehensive experience to perform the Services.
- The desired consultant must be in possession of the following qualifications and experience: -
 - At least 5 years' in designing user-friendly, visually attractive and modern database driven online systems (including their graphical components), following web design standards and making appropriate use of Web 3.0 technologies.
 - At least 5 years' experience in GIS mapping of utilities especially involving water and sewerage services to include population and demographic estimations using spatial tools.
 - Successfully undertaken at least one (1) similar assignment in the last five years. Experience in water and sewerage services infrastructure will be an added advantage. Details of the assignments - Name, Client, scope value and period shall be provided.
 - Demonstrated experience in the analysis of human settlement patterns and the estimation and apportioning of population and other demographic parameters using spatial tools.
 - Expert knowledge of modern system development design techniques, to include Internet protocols, databases & programming and UI/UX designs
 - Expert knowledge of Open-source Software and Geodatabases (e.g., QGIS, PostgreSQL, PostGIS, and Linux)
 - Expert knowledge of Mobile App development frameworks and implementation of Web Maps using GeoNode, Django, GeoDjango, Leaflet JS, OpenLayers, GeoServer, Ext JS, jQuery, HTML, Bootstrap and CSS)
 - Knowledge of modern GIS data capture tools (e.g., ODK, GeoODK, KoboCollect, MAST etc.), analysis, cartography and visualization.
 - Demonstrate to have qualified and experienced GIS development Specialist, GIS Information Management Developer and Mapping Expert among others.
- The attention of interested Consultants is drawn to paragraph 1.9 of the World Bank's Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers, January 2011 revised July 2014 ("Consultant Guidelines"), setting forth the World Bank's policy on conflict of interest.
- Consultants may associate to enhance their bid.
- Selection of the Individual Consultant will be in accordance with World Bank's *Guidelines: Selection and Employment of Consultants [under IBRD Loans and IDA Credits & Grants] by World Bank Borrowers, January 2011 revised July 2014* ("Consultant Guidelines"). The selection criteria will be solely based on individual experience and qualifications.
- Interested Consultants may obtain further necessary information at the address below during office hours between 0900 to 1600 hours from Monday to Friday excluding lunch hour (1300 to 1400Hrs) and public holidays.
- The expressions of interest in written form must be delivered in person, or by mail to the address below so as to reach by **18th August, 2021 at 11:00am**. EOI may also be deposited in the Tender Box on **5th Floor, NHIF Building** and must be clearly marked: "**CONTRACT No: KE- WASREB-235524-CS-QCBS for CONSULTANCY SERVICES FOR UPGRADE OF MAJIDATA AND UTILITY NETWORK MAPPING**" addressed to:

Chief Executive Officer
Water Services Regulatory Board
P.O. Box 41621-00100, Nairobi
5th Floor, NHIF Building, Tel: +254 (0) 202733561
E-mail: info@wasreb.go.ke