**ለኢትዮጵያ ፕሬስ ድርጅት**

**አዲስ አበባ**

ጉዳዩ፡- **ማስታወቂያ እንዲወጣልን ስለመጠየቅ**

የውሃና ኢነርጂ ሚኒስቴርከዚህ መሸኛ ደብዳቤ ጋር ተያይዞ የቀረበዉን **የ”****Consultancy Service for "Development and Commissioning of Tools for Groundwater Monitoring System and Integration with the Existing Web-Based Groundwater Database"** የጨረታ ማስታወቂያ ለማዉጣት ስለሚፈልግ በኢትዮጵያን ሄራልድ ጋዜጣ ላይ በቀን ለአንድ ጊዜ በአስቸኳይ እንዲወጣ ለማድረግ እንዲቻል ሊከፈል የሚገባዉን ሂሳብ እንድትተምኑልን እና በቀረበዉ መሠረት ማስታወቂያዉን እንድታወጡልን እየጠየቅን ሚኒስቴር መ/ቤታችን የተለያዩ ማስታወቂያዎችን ለማውጣት ከኢትዪጵያ ፕሬስ ድርጅት ጋር በቀን 05/02/2016 ዓ.ም በገባው የዱቤ ውል ስምምነት መሰረት ደረሰኝ ተዘጋጅቶ ሲመጣ ክፍያውን የምንፈፅም መሆኑን በአክብሮት እንገልፃለን፡፡

**ከሠላምታ ጋር**

**ግልባጭ፣**

* ለመጠጥ ውሃና ሳኒተሽን ዘርፍ ሚንስትር ዴኤታ
* ለአፍሪካ ቀንድ ዘላቂ የከርሰምድር ውሃ ፕሮጀክት አስተባባሪ
* ለግዥ ስራ አስፈጻሚ

**የዉሃና ኢነርጂ ሚኒስቴር**

**REQUEST FOR EXPRESSIONS OF INTEREST**

**(CONSULTING SERVICES – FIRMS SELECTION) NATIONAL**

**FEDERAL DEMOCRATIC REPUBLIC OF ETHIOPIA**

**HORN OF AFRICA GROUNDWATER FOR RESILIENCE PROJECT (HoA GW4RP) Grant No. IDA-E0120**

ASSIGNMENT TITLE: Consultancy Service for "Development and Commissioning of Tools for Groundwater Monitoring System and Integration with the Existing Web-Based Groundwater Database"

REFERENCE NO: ET-MOWE-410449-CS-QCBS/Selection of Consult

The Government of Ethiopia has received financing from the World Bank toward the cost of the HoAGW4R Project and intends to apply part of the proceeds for consulting services.

The consulting services (“the Services”) include the provision of Consultancy service for Consultancy Service for "Development and Commissioning of Tools for Groundwater Monitoring System and Integration with the Existing Web-Based Groundwater Database"

GENERAL OBJECTIVES: The general objective of the assignment is to establish a comprehensive and efficient system for monitoring and managing groundwater resources through integration of groundwater monitoring system with an existing web-based database to improve the sustainable management of groundwater resources of Ethiopia.

SPECIFIC OBJECTIVES:

* To evaluate the status and effectiveness of the National Groundwater Monitoring System in monitoring groundwater quality and quantity.
* To identify gaps and shortcomings in the existing monitoring network that need to be addressed for more comprehensive and accurate monitoring.
* To formulate a comprehensive, long-term master plan outlining the strategic vision for the national groundwater monitoring system; conduct a detailed assessment of current and future groundwater challenges and trends to inform the master plan.
* To ensure that the master plan aligns with broader national policies related to water resource management, environmental protection, and sustainable development.
* To select new sites for monitoring wells that will provide better coverage of different geographical areas and groundwater resources.
* To design new monitoring wells in accordance with technical specifications and site-specific conditions that meet industry standards for data collection and analysis, and ensure the accuracy and reliability of the data collected.
* To improve the overall health and sustainability of groundwater resources through better monitoring and management practices.
* To design a comprehensive data management system for efficient collection, storage, and analysis of groundwater data.
* To build capacity by providing training for relevant stakeholders on groundwater monitoring techniques and data interpretation.

SCOPE OF SERVICES:

The scope of the assignment includes, but is not limited to, the following:

* Conduct an assessment of the existing groundwater database and data management practices;
* Identify gaps, challenges, and opportunities of the existing system for improvement in groundwater information access, monitoring, and use;
* Design and develop user-friendly tools for accessing groundwater information,
* Design and develop mobile application for collecting ground water data’s and synchronized with the existing database;
* Develop groundwater monitoring document;
* Establish mechanisms for real-time or regular data transmission from monitoring sites to a centralized database;
* Prepare comprehensive reports, bulletins, and publications that synthesize groundwater data and provide insights into the status and trends of groundwater resources; Develop user-friendly information products, such as fact sheets, infographics, and decision-support tools, to communicate groundwater information to different stakeholders;
* Develop training materials and conduct capacity building programs to enhance the understanding and use of groundwater data and information;
* Develop user manuals and training materials for the integrated system, including step-by-step instructions on system usage, data management, and troubleshooting;
* Provide technical assistance and support to strengthen groundwater database, including government agencies responsible for groundwater management;
* Identify capacity building needs and develop training programs to enhance the knowledge and skills of stakeholders involved in groundwater management and information systems;
* Establish a monitoring and evaluation framework to assess the implementation and effectiveness of the interventions; Develop indicators and targets to track progress towards achieving the objectives of enhancing groundwater database and information;
* Test and validate the functionality and performance of the integrated system, including data accuracy, reliability, and response time;
* Conduct training sessions for relevant stakeholders on the installation, operation, maintenance, and utilization of the sensor, logger and telemetry;
* Provide technical support and assistance during the commissioning phase and initial period of system operation;
* Collaborate with the project team and stakeholders to ensure that the developed tools and integrated system meet the required specifications and objectives.

PERSON MONTH AND DURATION: It has 66 Person–Month and implantation period of 150 Calendar days and the expected start of implementation is from the beginning of September 2024.

DETAIL TOR ATTACHED: The detailed Terms of Reference (TOR) for the assignment can be found at https://www.mowe.gov.et/en/resource\_types/TOR –files.

The Ministry of Water and Energy now invites eligible consulting firms (“Consultants”) to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.

THE SHORTLISTING CRITERIA ARE:

* Firm’s core business and years in Business
* General and Similar Experience of the firms in the area of the assignment
* Technical and Managerial capability of the firm

The attention of interested Consultants is drawn to Section III, paragraphs, 3.14, 3.16, and 3.17 of the World Bank’s “Procurement Regulations for IPF Borrowers” July 2016 updated in November 2020. Procurement will also comply with “Guidelines on Preventing and Combating Fraud and Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants” revised as of July 1, 2016.

Consultants may associate with other firms to enhance their qualifications, but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

A Consultant will be selected in accordance with the QCBS method set out in the Procurement Regulations.

Further information can be obtained at the address below during office hours from 9:00 AM to 12:00 PM noon and 2:00 PM to 5:00 PM from Monday to Friday.

Expressions of Interest must be delivered in a written form to the address below in person, or by mail, or by e-mail) on or before **May 01, 2024 4:00 PM.**

**Ministry of Water and Energy**

**Attn: Dr,Zebene Lakew / Mr. Jagama Kebeta**

**Haile Gebresilassie Avenue 4th  Floor, Room Number 412**

**P.O. Box: 5744**

**Tel: +251116898006**

**E-mail: tzebenel@yahoo.com/jag.wdc@gmail.com**