



**REQUEST FOR EXPRESSIONS OF INTEREST (EOI)
FOR THE DESIGN AND DEVELOPMENT OF THE INTEGRATED MANAGEMENT
INFORMATION SYSTEM**

Reference No: NWASCO/ESAWAS/NC/001/2021

The Ministry of Water Development, Sanitation and Environmental Protection (MWDSEP) working with the Regulator, the National Water Supply and Sanitation Council (NWASCO) has mobilized resources from its Cooperating Partners to support the development of the Integrated Management Information System (IMIS).

The Ministry is mandated to implement environmental management, water supply and sanitation, water resources development and management programmes as outlined in the Vision 2030, 7NDP and ministerial Strategic Plan. In implementing the above, the Ministry has developed an M&E framework aimed at facilitating the tracking of progress towards the attainment of the set targets.

The major challenge the Ministry has been having is how to efficiently manage the growing amount of data, data storage, data availability for all subsectors under the Ministry, disparities in reporting, analysing and providing up to date relevant information for decision making. It is for this reason that MWDSEP seeks to engage a consultant to develop an Integrated Management Information System (IMIS). The IMIS will be the central database and data analysis tool for the Ministry. It will be used for collecting, storing, and producing reports for decision making. It will also provide a linkage between all sub sectors within the Ministry by integrating data on water resources management and development, water supply, sanitation and environmental management as well as cater for information needs at national, provincial, district and ward levels.

The National Water Supply and Sanitation Council now invites eligible firms to indicate their interest in providing the above services. Interested bidders must provide information demonstrating the following Qualification and Experience for Lead Staff:

- (i) Minimum of a Bachelor's degree in Computer Science, Information Systems; or related discipline.
- (ii) Demonstrated experience in the design and development of complex web-based systems (both the firm and Lead Staff).
- (iii) Experience in, but not limited to the following areas:

- Programming in .NET, JAVA, C#, PHP, HTML, BOOTSTRAP, ASP.NET, T-SQL, C/C++, XLM, GIS among others
 - SharePoint Designer, InfoPath, Web Parts, and workflow creation.
 - SharePoint Developer in the analysis, design, hands-on development and delivery of web-based applications.
 - Using jQuery, Client Object Model, and Service Oriented Architecture.
 - SharePoint's application services framework including implementation, configuration, and usages of Search, Managed Metadata, and User Profile Services.
 - Ability to write Stored Procedures, write complex SQL queries, and ability to analyse the SQL data.
 - SQL Server Reporting Services, SQL Server Analysis Services, and/or SQL Server Integration Services.
- (iv) Demonstrated experience of at least 3 years in having undertaken similar assignments (both the firm and Lead Staff).
- (v) Must have a strong programming background authoring well written, well documented, Modular, and clean code.

Eligibility criteria, establishment of the short-list and selection procedure shall be in accordance with the Zambia Public Procurement Authority (ZPPA), Public Procurement Act of 2008 and the Public Procurement Regulations of 2011 which are available on the ZPPA website at <https://www.zppa.org.zm>.

Interested consultants may obtain further information at the address given below during office hours between 08:00 hours to 12:00 hours and 14:00 hours to 17:00 hours local time from Monday to Friday, except on Public Holidays.

Expressions of Interest must be delivered to the address below not later than **Thursday, 29th April 2021 at 10:00 hours** local time. Sealed bids clearly marked "***Tender for Development of the Integrated Management Information System (IMIS)***" must be deposited in the Tender Box at Nwasco Reception, Plot No. 164 Mulombwa Close, Fairview, Lusaka.

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