



SOUTHERN AFRICAN DEVELOPMENT COMMUNITY (SADC) SECRETARIAT

REQUEST FOR EXPRESSIONS OF INTEREST (REOI) (CONSULTING SERVICES- INDIVIDUAL CONSULTANT SELECTION)

**PROJECT NAME: MACROECONOMIC STABILITY AND FINANCIAL INTERGRATION
PROJECT IN THE SADC REGION**

FINANCING AGREEMENT REFERENCE: 2100155041084

PROJECT ID NO.: P-Z1-KF0-067

DATE: 01 DECEMBER 2022

1. The Southern African Development Community (SADC) Secretariat has received financing from the African Development Fund towards the cost of the MACROECONOMIC STABILITY AND FINANCIAL INTERGRATION PROJECT IN THE SADC REGION and intends to apply part of the agreed amount for this grant to payments under the contract for **CONSULTANCY TO DEVELOP SPECIFICATIONS FOR THE ACQUISITION OF A SMART ORDER ROUTER (SOR) AND THE CREATION OF A DATABASE.**
2. The Macroeconomic Stability and Financial Integration project objective is to enhance macroeconomic stability and convergence in the SADC region and to support the development of integrated of financial markets in SADC, to facilitate the most efficient allocation of savings and investment.
3. The overall objective of this assignment is to develop specifications for the design and procurement of a technology platform that will enable stock exchanges in the SADC region to connect between them and promote a single market. It includes among others analysis of the current situation of the stock exchanges, assessing the existing infrastructures, to carry out a technical analysis in order to identify and inventory the need for modifications to the existing platforms, describe the technical characteristics for the design of the architecture, define technical evaluation criteria, quality assurance/testing, define guidelines for the design of the operational model

4. The purpose of this assignment is to develop specifications for the acquisition of a Smart Order Router System (SOR) for both hardware and software, in order to create a securities trading platform that will link the 14 stock exchanges in the region.
5. Scope of work:
 - i) **First phase:** Development of the technical specifications of the Smart Order Router (SOR) system for both hardware and software and database
 - ii) **Second Phase:** Supervise the prototyping, development and installation of the Smart Order Router (SOR) platform
 - iii) **Third Phase:** To monitor the implementation of the test pilot, and ensure the parameterization process, operation of the platform is working and provide a full report.

The detailed scope of work can be accessed on the Terms of Reference through the link: <https://collab.sadc.int/s/dcoYKQ2LsJX9fiF>

6. The SADC Secretariat now invites eligible individual consultants to indicate their interest in providing these services. Interested individual consultants must provide information indicating that they are qualified to perform the services (i.e. description of similar assignments, experience in similar conditions). The consultant must have the following qualification, essential skills and competencies:
 - Minimum of a Master of Science's degree in a field related to the assignment such as software development or related area. A first-level university degree in combination with at least 10 years qualifying experience may be accepted in lieu of the advanced university degree
 - Knowledge in systems-level software development particularly in capital Market general knowledge and experience in IT Engineering in the finance industry as a Financial Software Developer
 - Experienced in designing and operating distributed systems in production, ideally with exposure to trading platform
 - Experience in operating systems with strict regulatory or information security compliance requirements
 - Experienced in software or scripting languages
 - Significant experience as System Admin, DevOps Engineer or equivalent role.
 - Experience in network, server, and application-status monitoring.
 - Scripting / coding SDLC experience (e.g., bash/python/git/svn)
 - Understanding of Market Data APIs: e.g., SFC, RFA, UPA, OpenFin
 - Experience with other market data platforms, e.g., Vela, Activ Financial, BPIPE, ICE/IDX
7. Establishment of the short-list and the selection procedure shall be in accordance with the African Development Bank's *Procurement Policy for the Bank Group-funded Operations*, dated October 2015, which is available on the Bank's website at <http://www.afdb.org>
8. Interested consultants may obtain further information at the address below during office hours 08h00hours to 16h30hours Botswana time.
9. Expressions of interest must be submitted electronically in PDF format and dully signed via this LINK: <https://collab.sadc.int/s/afnD357mYcsjBLD> by midnight Botswana time on **14th December 2022** and should mention the name of the

consultancy assignment. **Bidders are advised to submit their proposals during working hours for support in case of any technical problems. The technical support team will not be available after working hours.**

10. Below is the address for obtaining further information:

Attention: Acting Senior Procurement Officer
Mr Thomas Chabwera
SADC Secretariat
Plot 54385, New CBD
Private Bag 0095
Gaborone, Botswana

Tel: +267 395 1863

E-mail: tnyamukondiwa@sadc.int; Copy tchabwera@sadc.int; sdlamini@sadc.int;
hthomas@sadc.int and madams@sadc.int