

REQUEST FOR EXPRESSIONS OF INTEREST

AFRICAN DEVELOPMENT BANK

Avenue Joseph Anoma, 01 B.P. 1387, Abidjan, CÔTE d'IVOIRE

Corporate IT Services Department (CHIS)

E-mail: IT_Recruitment@AFDB.ORG

Telephone: (+225) 20 26 22 61/ (+225) 20 26 25 83

1. The African Development Bank hereby invites Individual Consultants to indicate their interest in the following Assignment: **Telecom & Network Engineer at the Bank's Regional Center in South Africa.**
2. The objectives of this consultancy are hiring a highly skilled network engineer to assist the Bank's unified communication team to carry out specific tasks for improving network access, connectivity, switching, routing, quality of service (QoS), resilience and security in South Africa

The Consultant's specific tasks will be as follows:

- Plan, design, implement and provide ongoing support of telecom & network systems of high complexity in extranet and corporate environments to fulfill the Bank's needs.
- Build and maintain relationship with global and third parties on network development or support issues.
- Work with the Information Security Office to ensure solutions deployed meet the bank's Security Requirements and provide technical assistance for investigation and analysis of security alerts.
- Develop processes and procedures for use by the Network team and third parties in the management of the bank's network environments.
- Administering enterprise IP networks in mission-critical, 24x7 production environments
- Design, plan, document and implement LANs and WANs using latest technology.
- Demonstrate high Knowledge of event correlation systems to diagnose and manage security events within the bank.
- Provide high level of hands on experience with the configuration, optimization and maintenance of MPLS, MPLS V3 and L2 VPN VRF, BGP, OSPF, EIGRP, ODR, Multicasting, DMVPN and QOS.
- Design and integrate secure networks including all aspects of multi-site network designs and support (LAN, MAN, WAN, SAN, IP Telephony); Router ACL; NAC; ISE; VPN also deploying and maintaining remote access technologies/solutions.
- Interpret existing configurations and understand how the systems hardware fits into the overall ADB network design and client solution.

- Provide detailed knowledge transfer to customers on solution sets and work with the bank's system engineers to implement leading edge server and storage environments.
- Integrate existing systems with new systems to create redundant, scalable, resilient environments
- Utilize strong interface skills to work closely with the Bank staff and third partners to create an atmosphere of teamwork.
- Perform technical hands-on integration of various products
- Troubleshoot and monitor network performance and resolve performance and connectivity issues
- Sign and implement new network topologies as required, incorporating best practices around collaborations, datacenter, LAN/WAN, mobility, and disaster recovery.
- Facilitate the preparation of technical documentation related to the executed operational activities to be kept in the knowledge database.

3. **Required skills and qualification:**

- At least a Master/Engineer degree in Computer Science or Information Systems or Electronics, or an equivalent diploma with strong knowledge of IT Networks and Telecoms Networks;
- Minimum 5 years of professional IT Networks and Telecoms or related experience, gained within a similar position;
- Familiar with System software that controls activities such as input, output, dynamic resource allocation and error reporting within the operation of computer configuration (E.g. Windows, Unix, Linux);
- Proficient with networking and Communication technologies including the planning and management of the interaction between many networking systems, and intelligent network implementation such as SD-WAN
- Knowledge at the associate to intermediate level of TCP/IP networks, WAN protocols, wiring and cabling, and network management solutions;
- Experience with Network Traffic Monitoring and Diagnostic Tools;
- Experience and/or knowledge with QoS implementations, VoIP, WAN switching and routing, load-balancing and application-delivery solutions;
- Aware of VSAT and IPBX technologies;
- Aware of ITIL concepts and general framework;
- Strong computer skills and ability to use standard technology packages and Bank's standard software (word, excel, outlook, Power Point, MS Projects, etc...); and
- Ability to communicate (verbal and written) effectively in English or French, with working knowledge of the other; Knowledge of Portuguese is an advantage.

4. The **Corporate Information Technology Services Department (CHIS)** invites Individual Consultants to indicate their interest in providing the above-described services. Interested Consultants shall provide information on their qualifications and experience demonstrating their ability to undertake this Assignment (**CV, reference to similar services, experience in similar assignments, etc.**).

5. The eligibility criteria, the establishment of a short list and the selection procedures shall be in conformity with the Bank's procedures for the acquisition of consulting services funded by the

administrative or capital expenditure. Please, note that interest expressed by a Consultant does not imply any obligation on the part of the Bank to include him/her in the shortlist.

6. The estimated duration of services is **twelve (12) months** and the estimated starting date is **01 February 2019**.
7. Interested Individual Consultants may obtain further information at the address below during the Bank's working hours: from 08:00 to 17:00 hours, Abidjan Local Time.
8. Expressions of interest must be received by email at the address below no later than **Wednesday, 26 December 2018 at 17:00 hours, Abidjan local time** and specifically mentioning "**Telecom and Network Engineer at the Bank's Regional Center in South Africa**".

For the attention of: **IT Recruitment Team**
African Development Bank
Corporate IT Services Department (CIMM)
Avenue Joseph Anoma, 01 B.P. 1387,
Abidjan, CÔTE d'IVOIRE
Tel: (+225) 20 26 22 61
Email: IT_Recruitment@AFDB.ORG

9. **ESTABLISHMENT OF THE SHORT LIST**

A shortlist of three to six individual consultants will be established at the end the request of expressions of interest. The consultants will be judged on the following criteria on the basis of their updated resume.

Level of education in general	20%
Educational level compared to the field of mission	20%
Years of experience in general	20%
Number of years of experience relevant to the mission	40%