

## REQUEST FOR EXPRESSIONS OF INTEREST

### “*SENIOR BUSINESS INTELLIGENCE CONSULTANT*”

**AFRICAN DEVELOPMENT BANK**  
Avenue Joseph Anoma, 01 B.P. 1387, Abidjan, CÔTE D'IVOIRE  
Corporate IT Services Department (TCIS)  
E-mail: [IT\\_Recruitment@AFDB.ORG](mailto:IT_Recruitment@AFDB.ORG)

1. The African Development Bank hereby invites Individual Consultants to indicate their interest in the following Assignment: *SENIOR BUSINESS INTELLIGENCE CONSULTANT*.
2. The African Development Bank Group (AfDB) wishes to recruit a Senior Business Intelligence (BI) Consultant with extensive hands-on experience in data integration/processing, warehousing and presentation. He/She will be responsible for developing and maintaining business intelligence solutions that support decision-making processes. He/She will work closely with other members of the BI development team to document, design, develop and maintain data models, ETL processes, dashboards, and reports. He/She will also collaborate with end-users to gather requirements and provide support as needed.

The consultant will undertake the following duties:

- **Business Requirements Analysis:** Collaborate with clients to understand their business requirements, data needs, and reporting objectives. Translate business requirements into technical specifications, and develop data models, data dictionaries, and data mapping documents to guide the development of data integration and reporting solutions.
- **Data Integration:** Design, develop, and implement data integration solutions using mainly Talend Enterprise Data Integration to extract, transform, and load data from Oracle, MySQL, SQL Server, spreadsheets, SAP S4HANA, and other sources. Ensure data accuracy, consistency, and integrity through data profiling, cleansing, enrichment, and validation.
- **Data Processing:** Utilize Talend, PL / SQL, DAX<sup>1</sup> and/or Java programming skills to process and manipulate data as needed to support business requirements. Perform calculations, aggregations, transformations, and validations using appropriate data processing techniques and tools.
- **Dashboarding and Reporting:** Develop interactive and visually appealing dashboards using MS Power BI, OBIEE / OAC<sup>2</sup>, SAP Web Intelligence, and other relevant tools. Create visually attractive and user-friendly visualizations to present data insights to clients and facilitate data-driven decision-making.
- **Data Warehousing:** Design and implement data warehousing solutions using multidimensional modeling and star schema design principles. Develop data models, create and manage data warehouses, and optimize data storage and retrieval performance for efficient data processing and reporting.

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<sup>1</sup> DAX: Microsoft Data Analytics Expression

<sup>2</sup> OBIEE / OAC: Oracle Business Enterprise Edition / Oracle Analytics Cloud

- **Technical Expertise:** Stay up-to-date with emerging trends and technologies in business intelligence, including Oracle, MySQL, SQL Server, Talend Enterprise Data Integration, MS Power BI, OBIEE, SAP Web Intelligence, PL/SQL, Java, and Oracle Application Express Framework. Provide technical guidance, expertise, and support to clients and team members (juniors) on these technologies.
- **Project Management:** Knowledge of end-to-end BI projects, including requirements gathering, solution design, development, testing, and deployment. Collaborate with cross-functional teams, including business stakeholders, data engineers, and other IT professionals, to ensure successful project delivery within timelines and budget.
- **Client Relationship Management:** Build and maintain strong relationships with clients, understand their business needs, and provide proactive insights and recommendations to support their strategic decision-making processes. Deliver high-quality customer service and ensure client satisfaction throughout the project lifecycle.
- **Others:** Knowledge of *Moody's RiskConfidence* application, *Ambit Focus IFRS 9*, *MODEX Financial Planning Analysis* platform, *Oracle Discoverer* software and the *openai* models fine tuning will be a plus.

### 3. Required Skills and Competencies

- Master's degree in computer science, information systems or related field.
- Minimum of 5 years of experience in business intelligence, with expertise in Oracle Database, SQL Server, MySQL, Talend Enterprise Data Integration, MS Power Automate, MS Power Query, MS Power BI, OBIEE / OAC, SAP Web Intelligence, PL/SQL, Java, and Oracle Application Express (APEX) Framework.
- Strong knowledge of data integration concepts, ETL processes, data modeling, and data warehousing principles, including multidimensional modeling and star schema design.
- Proficient in creating interactive dashboards and reports using MS Power BI, OBIEE / OAC and SAP Web Intelligence.
- Strong programming skills in PL/SQL, DAX and Java for data processing and manipulation.
- Experience Oracle Application Express (APEX) framework.
- Strong analytical and problem-solving skills.
- Excellent communication and collaboration skills.
- Ability to work independently and as part of a team.
- Ability to learn and adapt to new technologies quickly.
- Knowledge of programming languages such as JavaScript and Python is a plus.
- Knowledge of the ERP SAP4HANA and SAP Embedded analytics will be highly appreciated.
- Good written and oral skills in French or English with a good working knowledge of the other language.

4. The **Corporate Information Technology Services Department (TCIS)** 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, documents, 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 assignment period is expected for **twelve (12) months**. The renewal will be subject to the consultant’s performance and the availability of the budget.
7. The commencement date is expected for **01 June 2023**.
8. The work will be carried out on hybrid mode: remotely and/or at the Bank's headquarters in Abidjan, Cote d’Ivoire.
9. 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.
10. Expressions of interest must be received by email at the address below no later than **Friday 05 May 2023 at 17:00 hours, Abidjan local time** and specifically mentioning “**Expression of Interest – SENIOR BUSINESS INTELLIGENCE CONSULTANT**”.

For the attention of: **IT Recruitment Team**  
African Development Bank  
Corporate IT Services Department (TCIS)  
Avenue Joseph Anoma, 01 B.P. 1387,  
Abidjan, CÔTE d'IVOIRE  
Email : [IT\\_Recruitment@AFDB.ORG](mailto:IT_Recruitment@AFDB.ORG)

#### **11. 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 on the shortlist 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%