

## **REQUEST FOR EXPRESSIONS OF INTEREST**

### **AFRICAN DEVELOPMENT BANK**

*Immeuble du HQ  
Avenue Joseph Anoma  
01 Boite Postale 1387 ABIDJAN 01  
COTE D'IVOIRE"*

*Regional Development, Integration and Business Delivery (RDVP) Complex*  
**DATA SCIENTIST CONSULTANCY**

[G.ASSADOURIAN@AFDB.ORG](mailto:G.ASSADOURIAN@AFDB.ORG)

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Telephone: (225) 27.20.26.24.75

**Title of the assignment:** Recruitment of a **DATA SCIENTIST**

**Brief description of the Assignment:** The data scientist consultant will support the Vice President for Regional Development, Integration and Business Delivery Complex (RDVP) and the Director for Delivery and Impact in the Vice-President's Front Office:

**Department issuing the request:** RDVP front office

**Place of assignment:** home based assignment

**Duration of the assignment:** 6 months

**Tentative Date of commencement:** 15 May 2021.

**Deadline for applications:** April, 15<sup>th</sup> 2021.

**Applications to be submitted to:** Gassia Assadourian

[G.ASSADOURIAN@AFDB.ORG](mailto:G.ASSADOURIAN@AFDB.ORG) and to Samia Tagougui [S.TAGOUGUI@AFDB.ORG](mailto:S.TAGOUGUI@AFDB.ORG)

**Any questions and requests for clarifications may be sent to:** Gassia Assadourian

[G.ASSADOURIAN@AFDB.ORG](mailto:G.ASSADOURIAN@AFDB.ORG) and to Samia Tagougui [S.TAGOUGUI@AFDB.ORG](mailto:S.TAGOUGUI@AFDB.ORG)

**Terms of Reference:** please see Annex 1.

### **Establishment of the Shortlist**

A shortlist of six individual consultants will be established at the end of the request of expressions of interest, whereby the applicants will be ranked on the following criteria:

- General qualification and suitability for the assignment with quantitative and data related work experience (25%)
- Experience in metrics development, report automation, solving problems using data, data visualization, or providing practical business insight using data (20%)
- Experience with technologies such as SQL, R or Python (20%)
- Excellent communication and presentation skills, with the ability to synthesize, simplify and explain complex problems to different types of audience with varied backgrounds and technical skills (15%);
- Experience delivering trainings (10%);
- Language capacity (10%)

**Please attach updated Curriculum Vitae based on the template below (Annex 2).**

## **ANNEX 1 Terms of reference**

### **AFRICAN DEVELOPMENT BANK GROUP**

#### **Regional Development, Integration and Business delivery complex RDVP**

##### **DATA SCIENTIST**

#### **1. BACKGROUND**

Established in 1964, the African Development Bank (AfDB) is a multi-lateral development finance institution and the premier pan-African organization fostering economic growth and social progress in Africa. The AfDB's primary goal is to reduce poverty and improve living standards by mobilizing resources within and outside Africa and providing financial and technical assistance for development projects and programs in Africa.

The AfDB is a unique proposition: as an African organization serving Africans, it is a motor for economic progress and integration, and the voice of Africa and African development across the continent. It endeavours to be at the centre of Africa's transformation and to improve the quality of Africa's growth. It aims to broaden and deepen that process of transformation, mainly by ensuring that growth is shared and not isolated, for all African citizens and countries, not just for some.

To catalyse Africa's transformation, the AfDB leverages systemically its own resources; it acts as catalyst for significantly scaling up development finance for Africa and for mobilizing domestic resources. In 2020, approvals through the African Development Bank totalled UA 2.48 billion and the share of non-sovereign operations was 15.8 percent. African Development Fund approvals in 2020 totalled UA 1.39 billion.

### **AFDB High Fives**

The AfDB president has highlighted five priority areas, known as the "high-fives", for the African Development Bank. Over the next ten years, the Bank will:

- ❖ 'Light up and power Africa' by unlocking the energy potential;
- ❖ 'Feed Africa' by transforming the agriculture and agro-processing sectors;
- ❖ 'Industrialize Africa' by unlocking the potential of small, medium and large businesses;
- ❖ 'Integrate Africa' through regional infrastructural projects; and
- ❖ 'Improve the quality of life for Africans' through the provision of water, health and sanitation.

## **2. DUTIES**

The African Development Bank is rolling out a new development and business delivery model in order to bring its operations closer to its clients; grow its portfolios from sovereign and private sector operations; and expand the revenue of the Bank. This model will enable the Bank to better deploy high quality knowledge and advisory services, and, most importantly, to accelerate its developmental impacts across Africa in operationalizing the implementation of the One Bank approach.

The Bank has established five regional development and business delivery hubs, with one in each region of Africa: North, South, East, West, and Central. A country department has also been established in Nigeria. The new structure will drive and ensure the operational efficiency, effectiveness and overall health of the Bank's portfolio across their regions to achieve significant

developmental impacts, transferring the responsibilities of implementation and integration of all aspects of the Bank's work in that region to the sub-Regional level.

The data scientist consultant will support the Vice President for Regional Development, Integration and Business Delivery Complex (RDVP) and the Director for Delivery and Impact in the Vice-President's Front Office:

Specific responsibilities will include ad hoc assignments, but are not limited to:

- Propose and develop IT solutions in collaboration with relevant Bank departments to enhance the efficiency of RDVP's internal business processes and work flow in the implementation of its work program
- Identify the most appropriate solutions, including online databases, dashboards, or similar tools to facilitate data collection and automate its monitoring and analysis of relevant RDVP work streams
- Engage with the Transition States Coordination Office, Regional Integration Coordination Office and Regional Business Delivery Units to identify business process challenges and train users on developing and executing identified solutions
- Prepare high quality presentations, making use of appropriate data visualization tools
- Deliver trainings to relevant RDVP professional and administrative staff in relation to the various assignments to enable them to implement proposed solutions and also build their capacity to build solutions themselves in their own areas of work
- Undertake any other assignment given by the Vice President and the Director for Delivery and Impact aimed at achieving the overall objective of this assignment.

### **3. SELECTION CRITERIA**

- Master's degree in a relevant field such as data science, analytics, IT, computer science, or related field.
- Minimum of five years of relevant work experience.
- Demonstrated track record in analysing and visualizing large amounts of structured and unstructured data, using different data analysis and visualization tools
- Experience with identifying and implementing IT solutions to enhance business processes and team collaboration
- Experience with technologies such as SQL, R or Python.
- Highly developed analytical, problem-solving and research skills, with the ability to work with large amounts of data; and advanced modelling capacity.
- Ability to conceptualize, innovate, plan, project, manage, and execute complex ideas, as well as to impart knowledge and coach.
- Demonstrated ability to work in a multi-cultural environment and across teams and establish harmonious and effective working relationships both within and outside the organization.

- Demonstrated strength/fluency in English or oral and written communications, including ability to draft finance documents and to articulate ideas verbally in a clear and compelling way to audiences of varied levels.
- Fluency in French is desirable but not essential.
- Highly attentive to details, ensuring accuracy of all calculations, models, documents and communications.

#### Competencies

- Deliver Results for Clients: Achieves results and identifies mission-driven solutions for the client.
- Lead and Innovate: Develops innovative solutions with others.
- Collaborate Within Teams and Across Boundaries: Initiates collaboration across boundaries and broadly across the organization.
- Create, Apply and Share Knowledge: Creates, applies and shares knowledge from across and outside RDVP complex to strengthen internal and/or external client solutions.

#### **4. REPORTING AND DUTY STATION**

The consultant will report to a task manager in the Vice-President's front office under the direction of the Director of Delivery and Impact and collaborate directly with the different team members in the front office and across the institution. The consultancy is a home-based.

#### **DELIVERABLES**

- Presentations are prepared to visualize the results of data analysis
- Online solutions are implemented to enhance existing business processes, workflows and data collection efforts, reporting
- Trainings are carried out for Bank staff

#### **5. Duration and payment**

The contract will be for a duration of 6 months, starting in May 2021, with a monthly lumpsum. The contract can be renewed based on satisfactory performance and business needs.

## **ANNEX 2: MODEL CURRICULUM VITAE (CV)**

Title of the Assignment:

Department:

Surname:

Birth Date:

Address:

Telephone:

First Name:

Nationality:

Country:

E-mail:

<b>Are any of your family members (spouse/partner, father/mother, Brother/sister, Son/daughter, etc.° employed in the African Development Bank?</b>			Yes <input type="checkbox"/> No <input type="checkbox"/> If « Yes », the following data must be provided
Name	Relationship	Organisation Unit	Place of Assignment

Language Level	Read	Written	Spoken
English	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent
French	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent
Other (specify)	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent	<input type="checkbox"/> Fair <input type="checkbox"/> Good <input type="checkbox"/> Excellent

### Key Qualifications:

Please provide (i) a summary of your experience and training highlighting the most relevant for the proposed assignment, and (ii) the responsibilities which you exercised. Utilise one half-page maximum.

### Education (University Level and above only):

Name of University - City - Country	Period		Diploma Obtained	Main Topic / Major
	From	To		

### Professional Training:

Name of Training Institution- City - Country	Type of Training	Period		Certificates or Diploma Obtained
		From	From	

### **Employment Record:**

Begin with your most recent employment. For each job since your master's degree achievement, please indicate:

- Name of the Employer
- Type of Activity/Business of the Employer
- Title / Function
- Place of Employment
- Brief Description (three lines maximum) of main accomplishments and responsibilities

### **Reference:**

Please indicate the name and address of three persons with no family relationship with yourself, familiar with your character and titles.

I hereby certify that the responses which I provided above are all, to the best of my knowledge, true, complete and accurate. I acknowledge that an inaccurate statement or essential omission in a personal declaration or another document required by the African Development Bank might result in the rejection of my application, termination of my Contract or any other administrative sanction by the Bank. The African Development Bank may verify any statements which I made in this application.

Date: \_\_\_\_\_

*Signature:*