

DATA MIGRATION REQUIREMENTS

Note: The Tenderer shall indicate the extent to which its tender meets the requirements by completing the cells in the "Tenderer's Response" column with one of the following options: <Yes – The Tenderer's approach

Requirement Code	Requirement	The level of obligation	Lot I/II	Tenderer's Response	Tenderer's Comment
1. Generic data migration requirements					
CDM.1	The business need of NBM is that the new solution to be implemented must contain data currently stored in the NBM systems that will be replaced by it. To meet the business needs for data migration, the following objectives must be ensured by the data migration exercises to be carried out in the context of implementing the new IT solution:	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	A macro-level approach is outlined in Section 5 of the Technical Proposal; however, a detailed approach will be prepared during the project's inception phase, in consultation with the Bank, and will serve as the baseline for the entire project.
CDM.1 a.	Completeness – all data selected for migration must be migrated fully and accurately. Data integrity and integrity relationships must not be affected;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR will ensure complete, timely, efficient, and secure data migration using proven methodologies, tools, and expertise, without impacting business continuity or compromising data integrity.
CDM.1 b.	Timeliness – data migration must be performed quickly, with minimal impact on the continuity of business processes;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	
CDM.1 c.	Efficiency – the data migration for NBM will entail costs, which may be significant. The most cost-effective procedure must be identified and selected. The costs borne by NBM for data migration must not exceed the value of the data for business purposes;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	
CDM.1 d.	Security – data migration must not compromise data security. Data migration procedures must prevent data leakage and unauthorized access;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	
CDM.2	The role of the selected Tenderer in the data migration process, including the methods, tools, and experience held for this purpose, is considered by NBM to be of utmost importance.	Informative	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	
2. Specific Requirements for Data Migration					
CDM.3	The Tenderer shall include in its proposal detailed information regarding the approach, method, and tools proposed for data migration, according to the requirements of „The Specifications”.	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR will present a detailed data migration approach, methodology, and tools during the inception phase, and will collaborate with NBM in the Analysis and Design phase to define data categories, structures, and exceptions in line with business needs.
CDM.4	The parties shall agree on the categories and structure of the data sets to be migrated, in order to meet the business needs of the Beneficiary, during the Analysis and Design phase.	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	
CDM.5	Data will be migrated in the format in which they currently exist in NBM's systems (e.g., range of acceptable values, length). Exceptions will be proposed by the selected Tenderer and accepted only with NBM's approval.	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	
CDM.6	In the data migration process, the selected Tenderer shall be responsible for:				
CDM.6 a.	Defining the methodology applied for data migration;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	

CDM.6 b.	Developing detailed data migration plans;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR shall define the data migration methodology, develop detailed migration plans, provide the required software tools, and establish and implement quality rules for data preparation and migration.
CDM.6 c.	Providing the software tools to be used for data migration;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	
CDM.6 d.	Establishing quality rules for the preparation of data sets for migration and implementing them in the tools used in the process;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	
CDM.6 e.	Mapping the data structure from NBM's applications to the data structure in the new solution (NBM will provide information on the data structure of NBM's applications);	Mandatory	Lot I	No – The Tenderer's approach does not cover the NBM requirement	The Bank shall be responsible for exporting data from the legacy system into the migration templates provided by JMR during the data migration process.
CDM.6 f.	Defining the data reconciliation criteria;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR will define reconciliation criteria to ensure migrated data is complete and accurate
CDM.6 g.	Participating in data cleansing and enrichment activities;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR will participating in data cleansing and enrichment activities in collaboration with NBM
CDM.6 h.	Verifying and validating the quality of the data sets for import;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	Yes, JMR along with Bank will verify and validate the quality of data sets prior to import
CDM.6 i.	Importing the data into the new solution;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	Yes, JMR will be mporting data into the new solution using proven migration tools.
CDM.6 j.	Identifying exceptions and errors during data import.	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	Yes, JMR will identifying and resolving exceptions and errors encountered during import
CDM.7	The Tenderer shall propose to NBM a data migration methodology. The methodology shall include at least the following elements:				
CDM.7 a.	Methods / approaches of data extraction from current systems (e.g., file format of exported data, method of import into the applications used for data cleansing and enrichment);	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	A macro-level approach is outlined in Section 5 of the Technical Proposal; however, a detailed approach will be prepared during the project's inception phase, in consultation with the Bank, and will serve as the baseline for the entire project.
CDM.7 b.	Methods / approaches of mapping the data structures;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	Yes, this will be done in consultation with Bank.
CDM.7 c.	Methods / approaches of cleansing and ensuring the quality of the data;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	Yes, this will be done in consultation with Bank.
CDM.7 d.	Methods / approaches of completing the data types or attributes required by the new solution and which are missing in the current systems;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	Yes, this will be done in consultation with Bank.

CDM.7 e.	Methods / approaches of data import;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	Yes, this will be done in consultation with Bank.
CDM.7 f.	Methods / approaches of reconciling the migrated data;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	Yes, this will be done in consultation with Bank.
CDM.7 g.	Recovery plan for each key phase in the migration process. The plan must be applicable in case the migration fails and must ensure cost-effective resumption of the process from the last feasible phase. It must also take into account the need to avoid disrupting business processes;	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR will design and implement a comprehensive recovery plan for each key phase of the migration process. The plan will ensure that, in the event of any failure, migration can be resumed cost-effectively from the last successful checkpoint without the need to restart the entire process. Recovery procedures will be aligned with best practices to maintain data integrity and minimize risk. Importantly, the plan will be structured to avoid any disruption to ongoing business processes at NBM.
CDM.7 h.	Go-live plan (specifying what, who, when, how, and where actions will be taken to ensure the necessary data is available at the time the solution is launched in production);	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR will prepare a detailed Go-Live plan covering the 'what, who, when, how, and where' of all activities required for a smooth transition to production. This plan will specify responsibilities, timelines, and procedures to ensure readiness across all stakeholders. Data migration and validation activities will be carefully scheduled so that accurate and complete data is available at the time of launch. The Go-Live plan will also incorporate risk mitigation measures to minimize disruption to business operations.
CDM.8	The Tenderer shall prepare and propose to NBM the detailed data migration plans. The detailed plans must be aligned with the implementation plan of the solution.	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR shall prepare and submit to NBM detailed data migration plans, fully aligned with the overall implementation plan of the solution. The plans will cover all migration phases, including data extraction, transformation, cleansing, validation, loading, and reconciliation. Each phase will include defined roles, responsibilities, timelines, and checkpoints to ensure accuracy and control. By aligning migration activities with the solution implementation milestones, JMR will ensure a smooth transition with minimal risk and no disruption to business processes.

CDM.9	The Tenderer shall provide specialized ETL (Extract Transform Load) software tools to be used in the data migration process. The Tenderer shall provide complete documentation for the use of such tools and shall train NBM's responsible personnel in their use.	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR shall use datamazure software tool to support the data migration process. This tool will be used to automate extraction from legacy systems, apply transformation and cleansing rules, and securely load data into the new solution. JMR will deliver complete documentation covering installation, configuration, and usage of the tool, ensuring transparency and maintainability. In addition, JMR will train NBM's designated personnel in the effective use of these tools to build internal capability for ongoing support.
CDM.10	All activities related to data migration will be carried out in environments controlled by NBM, located within NBM's local network. The data shall never leave the NBM information system.	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR fully acknowledges and will comply with NBM's requirement that all data migration activities be executed exclusively within environments controlled by NBM and located in its local network. Under no circumstances will data be transferred outside NBM's information system. All processes, including extraction, transformation, loading, and reconciliation, will be performed on-site in secured environments provided by NBM. This approach ensures complete data security, confidentiality, and compliance with the Bank's policies.
CDM.11	During the data migration process, the selected Tenderer commits to adhering to the security policies and standards approved and enforced by NBM. Accordingly, each member of the project team involved in the data migration process shall sign a Confidentiality Commitment in accordance with the model in Annex no. 10 of the Contract.	Mandatory	Lot I	Yes – The Tenderer's approach corresponds to the NBM requirement or approach	JMR commits to fully adhering to all security policies and standards approved and enforced by NBM during the data migration process. Every project team member involved in data migration will sign a Confidentiality Commitment in line with the model provided in Annex no. 10 of the Contract. These measures will ensure strict compliance with NBM's governance requirements and safeguard sensitive information. JMR will also enforce internal controls and monitoring to guarantee that confidentiality is maintained throughout the project lifecycle.