South African Revenue Service

RFP19-2023 QUESTIONS & ANSWERS

DATE   31 July 2023

RFP 19/2023: QUESTIONS & ANSWERS V1

	QUESTIONS	ANSWERS
	TECHNICAL	
1.	We understand from the RFP that MSSQL is one of your data sources. Could you clarify the other primary sources of data that will be feeding into the system?	Traditional DBMS: MSSQL, DB2, and flat file systems. The solution should also be able to ingest data from NoSQL systems like Cassandra and HBase. Source APIs and web services should be supported. Legacy Systems sources like Mainframe are a plus. Support of Data Integration Platforms like Apache NiFi, Kafka, or Talend, and even message queuing buses like IBMMQ, will be an added advantage.
2.	In terms of data ingestion — are you looking for real-time processing or batch processing apart from DB Bulk Load?	The platform should support both real-time event-driven processing and scheduled/ad-hoc bulk processing. Traditional ETL should also be supported.

3.	Is there a necessity for data migration? If so, could you provide an estimate of the volume of data that will need to be migrated?	Yes – 200 million nodes
4.	Please specify the type of environment where installation support is required. Are we looking at a bare metal or a containerized environment?	Containerized would be the preferred option.
5.	Do you have any specific preferences or requirements when it comes to data replication strategies? (Active-active or active-passive setup)	In the short term, replication is not required. However, in the long term we would be looking at a active-passive strategy (after two years).
6.	Please tell us about preferred mechanisms for integration. (Eg : REST APIs,Database connectors)	Database connectors, APIs, CDC. See Question 1 answer for more details.
7.	Could you specify the duration for which you will require support and maintenance services?	The term of the contract which currently is a 3-year term with the option to extend.
8.	Do you currently utilize any specific platforms for monitoring or alerting that our solution should integrate with?	SARS official monitoring tool is BCM Control-M.
9.	Is Hardware procurement and installation in scope as well?	Not required – we have a P940 Dell with 512GB memory.
10.	What are the samples to be provided as evidence? Does it mean customer references?	We would like to see what the bidder has done for other clients.