	Group IT Business Requirement Specification (BRS) - Addendum 2 DEM-02694-M9P8	Template Identifier	240-83570075	Rev	7
		Authorisation Date	31 July 2021		
		Review Date	December 2024		

ADDENDUM TO REQUIREMENTS for DEM-02694-M9P8 BRS F Sales Forecasting and Tracking Tool Topline Replacement

Background:

- Existing BRS:
 - o Does not include detailed requirements for the Distribution Data Warehouse (DDW) replacement.
 - o Indicates that the DDW replacement will be managed as a separate project.
 - o Includes DDW as a precondition for implementation of the new Sales Forecasting and Tracking Tool.
- Decisions from meeting held on 21 Jun 2022 to determine a way forward for DDW requirements:
 - o Detailed DDW requirements are not required.
 - o Leave it up to suppliers to provide a new data warehouse i.e., test the market for a Sales and Forecasting Tracking Tool and ensure that the DDW scope of work is catered for as part of the supplier's response.
 - o Basic requirements for the data warehouse (including DDW) are to be captured viz. provision of a data warehouse (or data lake / landing zone), migration of historical data and sourcing current data.

Note re DDW and BDS:


- DDW is the source for the Business Data Store (BDS) application.
- BDS uses Business Objects for reporting.
 - o Business Objects BDS reports use a Business Objects universe as intermediary layer to source information from DDW.
 - o Thirty-two standard reports are available.

Exclusion:

- Metering from MV90 (data acquisition system) - interval reads
 - o Interval reads from MV90 is not currently used in Topline and not expected to be used in the new sales and forecasting system.
 - o Interval reads are already stored in a data lake for business use. This data is being used for daily sales forecasting etc.
 - o A new data repository for interval reads is not required and not expected to be used in the new sales and forecasting system.

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Detailed requirements:

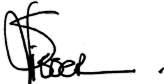



Functionality grouping	BRS Number	Functionality
Data repository	A201	<p>Data repository:</p> <ul style="list-style-type: none"> - Provide a managed data repository for electricity sales forecasting related datasets. ⇒ Solution needs to have an OLAP / data warehousing capability. <p>The legacy Eskom Distribution Data Warehouse (DDW) needs to be replaced:</p> <ul style="list-style-type: none"> - A new <u>embedded or separate data repository</u> with aggregated sales and billing information from the billing system needs to be provided. - Billing system - electricity sales and bills: - DDW is used as a primary source of data for Topline (Sales and Forecasting system) - DDW sources aggregated electricity sales and billing information from the billing system (CC&B) - i.e., Data flows from the billing system → DDW (aggregated) → electricity sales forecasting system (used by). <p>Note:</p> <ul style="list-style-type: none"> - Source data is not to be changed by the forecasting system. - Source data required should cover at least a 10 to 15 years of historical data
Data repository	A202	<p>Data repository - migrate historical data:</p> <ul style="list-style-type: none"> - Ability to migrate data from the existing legacy data warehouse (DDW), containing sales and forecasting datasets, into a new sales and forecasting data repository.
Data repository	A203	<p>Data repository - source / obtain current data:</p> <ul style="list-style-type: none"> - Ability to provide automated bulk acquisition (via <u>data pipelines</u> etc.) of current sales and forecasting datasets from the <u>billing system</u> to store in the new sales and forecasting data repository.
Data repository	A204	<p>Data repository - access:</p> <ul style="list-style-type: none"> - Provide access to other users who need sales and forecasting related analytics i.e., no access to the forecasting functionality, but access to use reporting and data analytics.
Data repository	A205	<p>Data repository - legacy reports:</p> <ul style="list-style-type: none"> - DDW is the source for the Business Data Store (BDS) application. BDS has thirty-two reports. These reports need to be replaced or repointed to the new sales and forecasting system. <p>Note:</p> <ul style="list-style-type: none"> - These reports currently use SAP Business Objects as a front-end for report extraction etc.

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DOCUMENT ACKNOWLEDGEMENT

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