**PROGRAMME BUDGETING SYSTEM**

The Programme Budgeting System (PBS) is an online system designed and developed by Techno Brain(U) Ltd. The PBS runs on SharePoint, ASP. Net, C# on the front end with a Microsoft SQL Server database. The PBS is accessible to all users with access to Computers/laptops/ipads and Phones that have an internet connection. Currently the PBS is used by all Ministries, Agencies and Local Governments (MALGs), Missions abroad as well as State Enterprises and Public Corporations. The PBS Structure is based on the CoA in the IFMS and thus any change on this structure affects the entire system architecture.

* The PBS has the following features and modules;
* Dashboard
* Administration Module
* Masters Module
* Budgeting Module
* Budget Operations Table (BOT)
* Interfaces with other Government Systems
* Report Generator
* Report Archiving

**The dashboard :** This is the homepage of the system. It is used to display the status of submission of various documents

**The Administration Module:** This is the module that is used for creation of system users, assignment of user roles, rights assignment, configuration of report generation and approval hierarchy, and access of System Audit Trails.

**Masters Module:** This module handles the creation of different structures e.g Programme outcomes, Outcome Indicators, Programme objectives to mention but a few. In addition this module displays data received from IFMS on the Chart of Accounts such as Sectors, Votes, Programmes, Sub-programmes, Key outputs, and Items.

**Budgeting Module:** This module is where budget preparation and performance reporting is done. In particular;

1. **Planning:** This is where the BFP is prepared;
2. **Preparation:** The Ministerial Policy Statement and Draft Estimates are prepared in this sub-module;
3. **Approval:** This sub-module is where the Approved Estimates, Performance Contracts A& B, Public Investment Plan, Procurement Plans, Annual and Quarterly Work plans are prepared.

**Reporting:** MALGs use this sub-module to prepare and submit their Quarterly performance reports.

**Interfaces with other Government Systems:** The PBS Currently interfaces with other Government Systems such as the IPPS, AMP, IFMS, Budget Website, and OTIMS. This sub-module under Execution handles all data exchanged with the other systems.

**Report Generator:** The PBS makes available data in different formats such as Excel, PDF, CSV and Word for users to download after specifying given parameters.

**Report Archiving:** This feature is used to make available historical budget documents/reports submitted on the PBS for future reference.

**PBS PROPOSED CHANGES IN LINE WITH NDP III PBB APPROACH**

**DATABASE MODULE**

* The changes on the CoA as a result of the NDP III implementation will affect the 442 database table structures, relationships and indexes;
* The 1,587 database views will have to be updated.
* The 622 stored procedures have to be modified.
* The 45 database triggers have to be updated.

**MASTERS MODULE**

* New masters menus for NDP III results chain and structures such as Programmes, Programme Objectives, Outcomes and Outcome Indicators, Interventions as in the PIAPS will be created;
* Adjustment of Sub-programme menus to allow for mapping to NDP III Programmes as well as mapping Key outputs aligned to the PIAPS.
* The Above changes apply for Central and Local Government as well as State Enterprises and public Corporations as they have different structures.

**ADMINISTRATION**

* Role Assignment menu will be adjusted taking into consideration NDPIII Programmes, Votes, Sub-Programmes and departments;
* Report Approval menu will be re-designed based on the change in approval process of the reports where the e.g How the Accounting Officers will be submitting reports to the different PWGs;
* The Above changes apply for Central and Local Government as well as State Enterprises and public Corporations.

**BUDGETING (PLANNING, PREPARATION AND BUDGET APPROVAL)**

* All menus under this module are currently linked to the logged in user based on vote and sector and thus will require adjustment to reflect the NDP III Programmes and Votes;
* The Reporting module for State Enterprises and public Corporations which currently does not exist will be developed to allow them produce quarterly performance reports;
* Lastly this module also includes the Budget Operations Table sub-module which will also require re-configuration based on changes on the Chart of Accounts.

**REPORT GENERATOR**

* This module provides users with data in various formats such as excel, PDF and word based on selections made in the dropdowns.
* Currently this module is also based on the sector approach and will require re-configuration to ensure that data based on the NDP III structure is produced.
* This applies for Central and Local Government as well as State Enterprises and public Corporations.

**REPORT ARCHIVING**

* This module will have to be adjusted so that reports are archived based on the NDP Programmes and Votes. This applies for Central and Local Government as well as State Enterprises and public Corporations.

**REPORTS**

* All reports on the PBS will require being re-designed. These include Vote BFP, Ministerial Policy Statements, Draft and Approved Budget Estimates, Public Investment Plans, Performance Contracts, Annual and Quarterly Performance Reports.
* Furthermore sub-programme reports submitted by heads of Departments to Planning Unit will also require re-development. Likewise, new reports relating to Programme allocations, PIAPs and NDP III will be required.

**TECHNOLOGY UPGRADE**

In addition, the PBS Consultants have proposed a change in the current technology to REACT Java Script and Node Java Script to improve system performance, presentation and future management of the system.

This will require an overhaul of the design of the system and since the NDP III is causing this change this is an opportunity to upgrade the technology.

This has been proposed because of analysis of the current performance which is affected by large volumes of reports generated by users at a given time.

**MONTHLY CASH DISBURSEMENT (CPD-MOFPED)**

Because of the success attained through the use of the PBS there have been other requests from other departments to use the PBS as a vehicle to reach their users;

**Monthly Cash disbursements:** A request to use the PBS as a submission tool since the target users are current PBS users. Users will be required to download a format which will have any budget adjustments as well as warrants and expenditures and then provide monthly projections for upload.

**PBS DEVELOPMENT AND MAITENANCE**

* The nature of the contract with the PBS consultants is such that after completion of their development activities, the system is handed over to the Ministry for further management by the In-house team.
* Over the year the consultants have had to make major adjustments on the system which hindered complete system handover.
* However, to date the development environment has been moved to the IFMS data center and the In-house IT team has had vigorous training on Management of the MSQL database.
* Moving forward after the major redesign scheduled due to the NDP III the Consultants will completely handover the system with source code for further management by the In-House team.