| **Project Name** | | | | | BSN – Corporate Digital Banking (CDB) | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Project Code** | | | | | BSN/20170616/LOI/KMT | | | | **Doc Ref** | | | | BSN/20201021/CR20003 |
| **BSN URS #** | | | | | N/A | | | | **BSN CM#** | | | |  |
| **Date** | | | | | 21/10/2020 | | | | **Chg Req #** | | | | CR-20003 version 1.0 |
| **Change Description** | | | | | | | | | | | | | |
| **Request:**  New layout for bulk purchase & redemption (SSPrubsn) specification for ebiz/CDB.  To enhance the new format in CDB file format generating files for SSPrubsn to create the bulk purchase and redemption in ICBS system.  **Resolutions:**  To enhance the file format generating for SSPrubsn in CDB to create the bulk purchase and redemption in ICBS system.  Refer scope of works in Appendix A.  Refer Input File Layout and example of the file in Appendix B | | | | | | | | | | | | | |
| **Requested By** | | | Munirah Othman, Eksekutif, JTM/ICBS | | | | | **Initiated By** | | | Norhaidah Md Dasuki  Project Manager, Penril Datability | | |
| **Verify By** | | | Rahmat Aris, Eksekutif JTM, BSN | | | | |
| **Impact Analysis** | | | | | | | | | | | | | |
| 1 | | IBAM | | * Content > File Format Setup * File Processing * EOD | | | | | | | | | |
| 2 | | BSNeBiz | | * Bulk Payment > File Upload | | | | | | | | | |
| 3 | | Batch Processing | | * Batch Processing for large file | | | | | | | | | |
| 4 | | B2B | | * B2B processing | | | | | | | | | |
| 5 | | Database | | * Prubsn table | | | | | | | | | |
| **Effort Analysis** | | | | | | | | | | | | | |
| **#** | **Resource** | | | | **Effort**  **(man days)** | | **Unit Cost (RM)** | **Cost**  **(RM)** | | | | **Description** | |
| 1 |  | | | |  | |  |  | | | | Development and internal testing | |
| 2 |  | | | |  | |  |  | | | | Requirement study, SIT, UAT, Documentation and migration support | |
| **Sub Total** | | | | | | | | 0.00 | | | |  | |
| **Gov. Charges** | | | | | | | | 0.00 | | | |  | |
| **Total** | | | | | | | | **0.00** | | | |  | |
|  | | | | | | | |  | | | |  | |
| **Total Cost** | | | | | | | | **0.00** | | | |  | |
| **Approval** | | | | | | | | | | | | | |
| **Name** | | | | | | **Role** | | | | **Signature (Date)** | | | |
| Zamri Omar | | | | | | Pengurus Projek  Jab. Perbankan Digital, BSN | | | |  | | | |
| Tan Lee Yong | | | | | | Project Director  Penril Datability (M) Sdn Bhd | | | |  | | | |

# Terms

## Payment Schedule

* 20% upon Letter of Acceptance
* 30% upon SIT Sign-Off
* 30% upon UAT Sign-Off
* 10% upon LIVE or 30 days after UAT Sign Off (whichever comes first)
* 10% upon End of Warranty or 60 days after UAT Sign Off (whichever comes first)

*Notes: AMC of 20% of the total sum will kick in for the 12-month support. The commencement date of the support period is effective from 30 days after UAT sign-off. Kindly stated in the LOA if required for the AMC.*

## Payment Terms & Conditions

1. All prices are quoted in Malaysian Ringgit unless otherwise stated.
2. Customer shall fully settle all invoices issued by Penril Datability (M) Sdn Bhd within thirty (30) days from the date of the invoice received by Customer, failing which late payment interest at the rate of twelve percent (12%) per annum shall be payable by the Customer for all outstanding sums until full payment.
3. The Customer agrees that terms and conditions herein is governed by and shall be construed in accordance with the Malaysian laws and agrees to submit the exclusive jurisdiction of the courts of Malaysia.
4. Any out of scope changes in specifications shall necessitate a re-quotation mutually agreed by both parties.
5. Agreement stamping cost to be borne by Penril.
6. For any clarification of this quotation,

For commercial purpose, please contact Koh Mui Tong

Email : mtkoh@penril.net or Mobile : 012 2038087

For technical, scope & schedule, please contact Tan Lee Yong

Email : leeyong.tan@penril.net or Mobile : 019 559 8816

# Assumptions

## General Assumptions

* Customer will set up a dedicated task-force made by a sufficient number of resources to guarantee that Customer’s required skills are available to the project when required according to the agreed project schedule.
* Customer will make available to Penril staff facilities on site similar to those that Customer makes available to their own staff.
* Customer will respond to all Penril requests for information in a timely manner.
* Customer shall be responsible for timely availability of software, hardware, applications and other necessary assistance required to develop/customize or implement the proposed solution.
* Customer will provide appropriate testing, training and production environment for the proposed solution.
* Customer will fulfill any other request, which may arise and needed to ensure the success of the overall project. Some of the activities shall be done off-site where and when required and Penril project manager will periodically report the progress of these tasks to Customer steering committee and project manager.
* Civil work and Site Preparation are not part of this scope of work.
* Customer will arrange all necessary authorizations on LAN or any other infrastructure for Penril employees to be able to carry out the project.
* Customer has to develop all the suitable test data cases according to the test plan submitted by Penril. The test plan and test cases will be the foundation for accepting the proposed solution.
* Penril will require a mobilization period of 2 weeks starting from the date of signing the contract.

## Solution Assumptions

* Customer will be responsible for arrangements with other project parties.

**APPENDIX A**

# SCOPE OF WORK

|  |  |
| --- | --- |
| **CR No:** | **CR-20003** |
| **CR Title:** | **New layout for bulk purchase & redemption (SSPrubsn) specification for ebiz/CDB.** |

| System | Modules | Description | Dev. Effort (Days) |
| --- | --- | --- | --- |
| IBAM | BBE > Content – File Format | * Enhance new Prubsn file format | 1 |
| File Processing | * To enhance to support New Prubsn upload file | 2 |
| BSNeBiz | Bulk Payment > Prubsn | * To enhance to support New Prubsn upload file | 2 |
| EOD | EOD Text & Report | * Generate EOD text and report files based on Prubsn new file format | 5 |
| Batch Processing | Batch Processing for Large File | * Update Batch Processing to support New Prubsn | 2 |
| B2B | B2B processing | * Update B2B Processing to support New Prubsn | 2 |
| Database | Prubsn tables | * Update Prubsn table columns to support new file format | 1 |

**APPENDIX B**

**File naming for EOD file :**

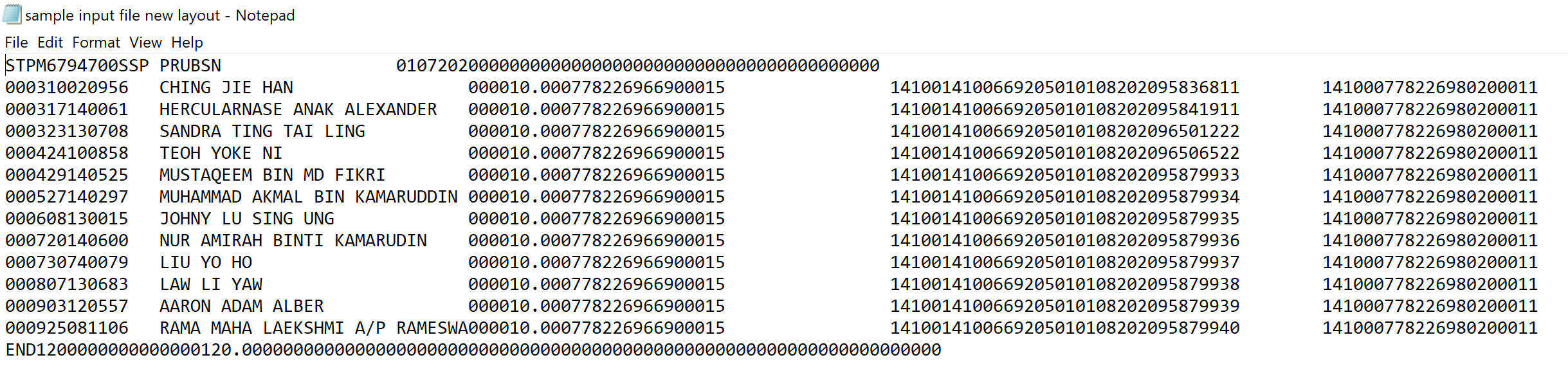
1.       yyyymmdd110325PRU\_PURCHASE\_yyyy.txt

2.       yyyymmdd110325PRU\_OTHERS\_yyyy.txt

**Input File Layout for Purchase and Redemption of PRUBSN :**

|  |  |  |  |
| --- | --- | --- | --- |
| **Field Name** | **Field Length** | **Field Type** | **Remarks** |
| Header | | | |
| Product | X(003) | Char | Default Value STP |
| Organisation code | X(008) | Char | default Organisation code for prubsn |
| Organisation description | X(027) | Char | Company name for prubsn |
| Date | X(008) | Char | DDMMYYYY : input transaction date |
| Filler | X(039) | Char | zero |
| Details | | | |
| ID Number | X(015) | Char | Contain the Individual New IC No for prubsn |
| Name | X(030) | Char | Contains the Individual Name |
| Amount | S9(006)V99 | Char | Purchase/Redemption Amount |
| Account no | X(016) | Char | Default account number for prubsn as sample |
| Filler | X(016) | Char | default as zeros |
| Branch Code | 5 | Char | contain operation branch code as current. No changes |
| branch code for acct no | 5 | char | in case of PRUBSN , It contain branch code for account no. Since its belong to the account so same rule in the account should be applied in the new branch code subject to ICBS system function |
| product code | x(003) | char | default value for prubsn |
| transaction code | x(005) | char | or prubsn it will contain the values: i) 20501 - for SSP Purchase ii) 20901/20902 - for SSP Redemption |
| maturity date | x(008) | char | for prubsn , ebiz/cdm will generated the maturity date : date transaction from header + 1 year |
| reference number | x(016) | char | this field will store policy number ( 8 dgt) |
| Branch Code saving/collection account | 5 | number | for product code 669(prubsn), it will store the branch code of the collection account prubsn. This will be default value : 14100 |
| Saving/collection Account | x(16) | Char | for Product Code 669(prubsn) , it will store the 'Collection Account PRUBSN' |
| **Footer** | | | |
| End | X(003) | Char | Default Value END |
| No of record | S9(005) | Integer |  |
| Total Amount | S9(013)V99 | Decimal | Amount |
| Hash total | X(004) | Char |  |
| Filler | X(058) | Char | Zeros |

**Sample input file new layout :**



**Input from customer :**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **ColumnType** | **ColumnDesc** | **ColDataType** | **StartLoc** | **EndLoc** | **Length** | **Mandatory** | **DefaultVal** | **Format** | **Align** |
| Transaction | OrganisationCode | Alphanumeric | 1 | 8 | 8 | 1 |  | -1 | LEFT |
| Transaction | TransactionDate | Date | 9 | 18 | 10 | 1 |  | yyyy-MM-dd | LEFT |
| Transaction | TransactionCode | Alphanumeric | 19 | 23 | 5 | 1 |  | -1 | LEFT |
| Transaction | PruBSNCertNo | Alphanumeric | 24 | 35 | 12 | 1 |  | -1 | LEFT |
| Transaction | CustomerName | Alphanumeric | 36 | 70 | 35 | 1 |  | -1 | LEFT |
| Transaction | BankName | Alphanumeric | 71 | 120 | 50 | 0 |  | -1 | LEFT |
| Transaction | BankAcNo | Alphanumeric | 121 | 140 | 20 | 0 |  | -1 | LEFT |
| Transaction | Amount | numeric | 141 | 153 | 13 | 1 |  | -1 | RIGHT |
| Transaction | NewICNumber | Alphanumeric | 154 | 165 | 12 | 1 |  | -1 | LEFT |
| Transaction | OldICNumber | Alphanumeric | 166 | 177 | 12 | 1 |  | -1 | LEFT |