Project Name	BSN – Corporate Digital Banking (CDB)		
Project Code	BSN/20170616/LOI/KMT	**Doc Ref**	BSN/20240724/ SD788507/CR24011
BSN URS #	N/A	**BSN CM#**	BSN.JPD-100/15/2/2 (60)
Date	16/08/2024	**Chg Req #**	CR-24011 ver 2.0

CHANGE DESCRIPTION

Request:
BSNeBiz – To display multiple QR   **The objective of the request:**   To allow BSNeBiz customer to select and display multiple QR

Proposed Resolution:

1. To allow multiple QR display at BSNeBiz
    a) IBAM > CBE > Organization Setup > QR Management
       i. To allow multiple QR to be Online
    b) BSNeBiz > QR Management (Single User and CA)
       i. To allow multiple QR to be online
    c) BSNeBiz Mobile > DuitNow QR > Receive
       i. To add dropdown list of QR selection
 	
 *Refer Scope of Works in Appendix A.

Requested By	Rahmat Bin Bohari Jabatan Perbankan Digital, BSN	**Acknowledged By**	Nor Aznil Bin Nor Azni Application Management, JTM, BSN

System Impact Analysis	
IBAM	• IBAM > CBE > Organization Setup > QR Management
BSNeBiz Web	• BSNeBiz QR Management (CA and Single User)
BSNeBiz Mobile Apps	• DuitNow QR > Receive
Restful	• New API – QR Status

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Quotation

#	Effort (man-days)	Unit Cost (RM)	Cost (RM)	Description
1	19	1,500.00	28,500.00	Development and internal testing
2	18	1,500.00	27,000.00	Requirement study, SIT, UAT, Performance Test, Documentation and migration support
			55,500.00	
			(55,000.00)	Utilization of 37 for 40 Man-days from previous RFP based on Project Closure Letter dated 1/3/2024
		Sub Total	0.00	
		SST (8%)	0.00	
		Total Cost	**0.00**	
3	Annual Software Maintenance & Support (AMC)		5,700.00	12 months support
			(5,700.00)	Utilized balance of 3 Man-days (RM4,500) and one time discount of RM1,200
		Sub Total	0.00	
		SST (8%)	0.00	
		Total Cost	**0.00**	
		TOTAL INVESTMENT	**0.00**	

Prepared by [PENRIL DATABILITY (M) SDN BHD]:		
	Name & Role	**Signature (Date)**
Initiated by	Norhaidah Md Dasuki Senior Manager, Professional Services	16/8/2024
Verified by	Tan Lee Yong Project Director, Professional Services	19/08/2024

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Date	16/08/2024	Chg Req #	CR-24011 ver 2.0

MANAGEMENT APPROVAL [BANK SIMPANAN NASIONAL]

Approved by:

Name & Position		Signature (Date)		Decision	☐ Accepted ☐ Rejected
Comments					

Verified by:

Name & Position		Signature (Date)	

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1   TERMS

1.1   Payment Schedule

No	Milestone (%)	(%)	Amount before SST (RM)	SST Amount (RM)	Payable Amount (RM)
1.	Upon Acceptance of Initial Development - Upon delivery of Business Requirement and Specification Document (BRFD). Sign-off document will be provided for proof of delivery.	10%	0.00	0.00	0.00
2.	Upon SIT Sign-Off	30%	0.00	0.00	0.00
3.	Upon UAT Sign-Off	30%	0.00	0.00	0.00
4.	Upon LIVE or 30 days after UAT Sign Off (whichever comes first)	20%	0.00	0.00	0.00
5.	Upon end of warranty or 60 days after UAT Sign Off (whichever comes first)	10%	0.00	0.00	0.00
	Total	**100%**	**0.00**	**0.00**	**0.00**

1.2   Annual Software Maintenance & Support (AMC)

Item	Description	Unit Cost (RM)	Total Cost (RM)
1	12-months Software Maintenance & Support subscription ● *AMC of 20% of the total development cost (RM28,500.00) will kick in for the 12-month support.* ● *The commencement date of the support period is effective from 60 days after LIVE or UAT sign-off (whichever comes first).*	0.00	0.00
		SST (8%)	0.00
		Total	**0.00**

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1.3   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

Project Name	BSN – Corporate Digital Banking (CDB)		
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BSN URS #	N/A	**BSN CM#**	BSN.JPD-100/15/2/2 (60)
Date	16/08/2024	**Chg Req #**	CR-24011 ver 2.0

2   ASSUMPTIONS

2.1   General Assumptions

- Customer will set up a dedicated task-force made by a sufficient number of resources to guarantee that Customer's required sSafes 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.

2.2   Solution Assumptions

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

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<div align="right">APPENDIX A</div>

3   SCOPE OF WORK

SOW	TASK	EFFORT (Man Days)
BSNeBIZ – Multiple QR		
To enhance the DuitNow QR module to have multiple QR to display		
Enhancement at IBAM		
SOW01	**i. To update the QR Management Screen** -Allow multiple QR to be "Online" -To add validation rule on Merchant Name" - name cannot be the same	4
Enhancement at BSNeBiz		
SOW02	**i. To update the QR Management Screen** -Allow multiple QR to be "Online" -To add validation rule on Merchant Name" - name cannot be the same	4
BSNeBiz (Mobile) - IOS, Android, Huawai		
SOW03	**i. To update the DuitNow QR > Receive** - To add dropdown list of Merchant Name and Account Number - To display the QR based on selected Merchant Name and account Number	8
Enhancement at Restful		
SOW04	**i. Enhance existing API to provide merchant list**	3
	Total Development (Man Days)	*19*
Professional Services		

1	To conduct Planning & Design services inclusive of Requirement Gathering and preparation and delivery of the following Documentations:
	  a) FSD/TSD Compilation
	  b) Test Script
		3

2	To perform the following support a) SIT, UAT and Performance Test Support	15

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SOW	TASK	EFFORT (Man Days)
	b) Pentest Support c) Go Live Support	
	Professional Services (Man Days)	*18*
	TOTAL MANDAYS	**_37_**

Development Assumptions:

Any other transactions and services not mentioned in the SOW above will be treated as Change of Requirement.

4   PROPOSED TIMELINE

Period	Deliverable
Week 1 (3 Days)	Requirement Study
Week 1 – Week 4 (17 Days)	Development
Week 5 (3 Days)	SIT
Week 6 – Week 7 (2 Weeks)	UAT, PERFORMANCE TEST & PENTEST
Week 8	Go Live