

**ANNEX – A TO TENDER NO: TBL/HO/GSSD/PPD/TENDER/2025/03 (2nd Call) (REVISED) DATED:
03 JUNE 2025**

Technical Specifications of Visa/MasterCard/UnionPay Dual Interface Card: “Please specify”

S/N	Particulars	Specification	Bidder's Response Comply/ or mention here	Remarks
01.	Brand	1. Hengbao UranusMVP v2.7 VISA VSDC 2.9.2 2. Hengbao UranusMVP-Multi v.2.7 MASTERCARD M/Chip Advance Payment & Data Storage v.1.2.3 3. Hengbao UranusCOS v.2.1 UICS 2021 CUP 4. NXP JCOP4 P71 VISA VSDC 2.9 5. NXP JCOP4 P71 MASTERCARD M/Chip Advance Payment & Data Storage v.1.2.3		
02.	Operating System	Global Platform 2.2.1 GP Card Specification Version: 2.2.1 JAVA Card Version: 3.0.1		
03.	Chip Application	2.9 or above with q-VSDC Pay Wave		
04.	LOA Expire Date	-		
05.	Contact Protocol	T=0 (Default), T=1 ISO/IEC Contactless Interface Type A & B ISO 14443		
06.	Technical Name & Version	Please specify		
07.	Chip OS and Version	Java Card 3.0.1		
08.	Memory	RAM: 5 KB EPROM: 35 KB FLASH ROM: 64 KB		
11.	Data Encryption Standard	DES; 3DES; RSA; AES		
12.	Authentication Type	Dynamic Data Authentication (DDA) & (CDA)		
13.	Plastic Material	100% PVC with ISO Standard		
14.	Plastic Quality	EMV Standard		
15.	Plastic Size	ISO Standard		
16.	Plastic Lamination	Matte/ Glossy finishing		
17.	Magnetic Type	ISO Standard Hi-CO 3 Tracks		
18.	Country of Origin (Chip)	Please specify		
19.	Chip Manufacturer	Please specify		



203/6

20.	Hologram & Signature Panel	VISA/MC/UPI Standard		
21.	Chip Application OEM	Multi		
22.	Design	The supplier should be able to accommodate multitude (any number of) card designs with attractive design options.		
23.	Warranty	At least 01 (one) year warranty of plastic and chip		
24.	Compatibility	Must be compatible with Trust Bank PLC.'s Switching System		
25.	Card Network Flexibility	The supplier must provide DI cards (Visa, Mastercard, UnionPay) as per request from time to time, with potential design variations.		

2/3/16

[Handwritten signature]

[Handwritten signature]

