

NTS-41418-011	The system shall be able to generate a response file for the processed transactions per uploaded file. (e.g. GSIS ConsoMMDDYY)	Mandatory
NTS-41418-012	The system shall be able to allow the user to download the response files of the processed transactions.	Mandatory
Batch File Uploading Facility Rules (business and/or validation)		
NTS-41418-013	The system shall be able to perform validation against processed records in the library of uploaded GSIS files.	Mandatory
NTS-41418-014	The system shall only accept and process records not yet uploaded in the GSIS library.	Mandatory
NTS-41418-015	The system shall be able to validate the uploaded files (e.g. hash total, amounts, number of records).	Mandatory
NTS-41418-016	The system shall be able to perform automatic computation of hash totals on the uploaded file.	Mandatory
NTS-41418-017	The system shall be able to match/validate the computed hash total on the uploaded file against hash total of the generated hand-off file.	Mandatory
NTS-41418-018	The system shall only allow processing of validated hand-off files (e.g. hash totals, file name, check digit).	Mandatory
NTS-41418-019	The system shall be able to allow the user to select the status type to be printed (e.g. all, successful, rejected) e.g. 200 records uploaded for forwarding: After processing, 100 already uploaded in the library (rejected) 100 successfully forwarded	Mandatory
NTS-41418-020	The system shall be able to continue processing of uploaded files once the connection has been established.	Mandatory

4.1.4.19 Reversal Handling

Requirements No.	Requirement Description	Classification
General Requirements		
NTS-41419-001	The system shall be able to allow the user to perform real-time reversal of transaction amount and/or service charges per transaction type subject to override.	Mandatory
NTS-41419-002	The system shall only allow reversal of transaction/s made within the day.	Mandatory
NTS-41419-003	The system shall be able to allow the user to reverse a single transaction real-time subject to override.	Mandatory
NTS-41419-004	The system shall be able to allow the user to reverse a multiple transactions real-time subject to override.	Mandatory

NTS-44-002	The system shall comply with the Bank's existing security infrastructure (e.g. LDAP) and baseline security standards (OS and databases).	Mandatory
NTS-44-003	The system shall be web-based enabled.	Mandatory
NTS-44-004	The system shall be able to process transaction via API	Mandatory
NTS-44-005	The system shall be able to support local and central server-based implementation.	Mandatory
NTS-44-006	The system shall be able to run in Windows 10 or higher (64bit).	Mandatory
NTS-44-007	The system shall be able to run on any types of browsers and with their latest versions available in the market (e.g. Google Chrome, Internet Explorer, Mozilla Firefox, Edge)	Mandatory
NTS-44-008	The system shall be able to establish persistent connection with the host during downtime.	Mandatory
NTS-44-009	The system shall be able to process/complete the pending transactions successfully once the connection has been established.	Mandatory
NTS-44-010	The system shall be able to support latest Secure Socket Layer (SSL) protection.	Mandatory
Printer Model Supported		
NTS-44-011	The system shall have a facility to allow the user to set-up/configure printers.	Mandatory
NTS-44-012	The system shall be able to support the existing passbook printer models of the bank.	Mandatory
NTS-44-013	The system shall be able to support the latest printer models available in the market.	Mandatory
Access Control		
NTS-44-014	The system shall have a facility to allow the user to limit the menu/screen access (buttons/keyboard functions/reports) based on security access matrix; disable or show only the menu necessary to perform functions.	Mandatory
NTS-44-015	The system shall have a parameterized facility to allow the user to enable/disable the viewing of transactions and reports per defined branch/bank.	Mandatory
NTS-44-016	The system shall be able to allow the user to enable/disable the availability of the remarks field in the transaction.	Mandatory

NTS-45-011	The system shall have a facility to allow the user to view and print the following reports (e.g. filtered per user role, transaction type, per branch, specified amount) segregated per transaction type (e.g. Regular On-Us, MDS, MC, GC) – see attached sample report layout: <ul style="list-style-type: none"> • User Transaction Totals Report (Annex C-43.1) 	Mandatory
NTS-45-012	<ul style="list-style-type: none"> • Consolidated Transaction Totals Report (Annex C-43.2) 	Mandatory
NTS-45-013	<ul style="list-style-type: none"> • Branch Totals Report (Annex C-43.3) 	Mandatory
NTS-45-014	<ul style="list-style-type: none"> • Cash-In-Vault Summary Report- All Currency (Annexes C-43.4-1 to C-43.4-6) 	Mandatory
NTS-45-015	<ul style="list-style-type: none"> • List of Overridden Transactions (Annex C-43.5) 	Mandatory
NTS-45-016	<ul style="list-style-type: none"> • List of Batch Credit and Debit (successful and unsuccessful) Transactions. (Annex C-43.6) 	Mandatory
NTS-45-017	<ul style="list-style-type: none"> • Payment Collection Totals Report (Annex C-43.7) 	Mandatory
NTS-45-018	<ul style="list-style-type: none"> • Daily Consolidated/Summary Payment Collection Totals (Annex C-43.7) 	Mandatory
NTS-45-019	<ul style="list-style-type: none"> • Service Charge Collection (Annex C-43.8) 	Mandatory
NTS-45-020	<ul style="list-style-type: none"> • List of EMT transactions (Annex C-43.9) 	Mandatory
NTS-45-021	<ul style="list-style-type: none"> • EMT Totals Report (Annex C-43.10) 	Mandatory
NTS-45-022	<ul style="list-style-type: none"> • Cash Card Debit and Credit Transactions (Annex C-43.11) 	Mandatory
Miscellaneous Transaction		
NTS-45-023	The user shall be able to view, print, and download summary of miscellaneous transactions (with total count and amounts per transaction code).	Mandatory
NTS-45-024	The system shall only generate and print report miscellaneous transaction codes with values.	Mandatory
MDS NCA Transaction Reports		
NTS-45-025	The user shall be able to generate, display, print and download report containing the summary and details of forwarded MDS NCA files (e.g. NCA number, MDS account number, issue date, time, amount, User ID, status/remarks).	Mandatory

ANNEX C-43.2 - CONSOLIDATED TRANSACTION TOTALS REPORT

NET CASH										9,999,999,999.99	
TOTAL CASH IN										9,999,999,999.99	
TOTAL CASH OUT										9,999,999,999.99	
		CURRENT		SAVINGS		INTERBRANCH				TOTAL	
						CURRENT		SAVINGS			
SOURCE DOCUMENTS		CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL
CASH DEPOSIT		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
ONLINE COLLECTION		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
PNP-SBR		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
NHMFC		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
HDMF/HGC		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
BIR		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
MASTERCARD		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
PCSO KENO		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
PCSO LOTTO		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
PHIC		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
FS FUND		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
TOTAL CASH = (TOTAL CASH DEPOSIT + TOTAL ONLINE COLLECTION)										999	9,999,999,999.99
ON-US CHECKS										999	9,999,999,999.99
ONLINE COLLECTION										999	9,999,999,999.99
LID										999	9,999,999,999.99
NHMFC										999	9,999,999,999.99
HDMF/HGC										999	9,999,999,999.99
BIR										999	9,999,999,999.99
MASTERCARD										999	9,999,999,999.99
PCSO KENO										999	9,999,999,999.99
PCSO LOTTO										999	9,999,999,999.99
PHIC										999	9,999,999,999.99
FS FUND										999	9,999,999,999.99
TOTAL ON-US CHECKS										999	9,999,999,999.99
LOCAL CHECKS										999	9,999,999,999.99
ONLINE COLLECTION										999	9,999,999,999.99
LID										999	9,999,999,999.99
NHMFC										999	9,999,999,999.99
HDMF/HGC										999	9,999,999,999.99
BIR										999	9,999,999,999.99
MASTERCARD										999	9,999,999,999.99
PCSO KENO										999	9,999,999,999.99
PCSO LOTTO										999	9,999,999,999.99
PHIC										999	9,999,999,999.99
FS FUND										999	9,999,999,999.99
TOTAL LOCAL CHECKS										999	9,999,999,999.99
CREDIT MEMO										999	9,999,999,999.99
ONLINE COLLECTION										999	9,999,999,999.99
LID										999	9,999,999,999.99
NHMFC										999	9,999,999,999.99
HDMF/HGC										999	9,999,999,999.99
BIR										999	9,999,999,999.99
MASTERCARD										999	9,999,999,999.99
PCSO KENO										999	9,999,999,999.99
PCSO LOTTO										999	9,999,999,999.99
PHIC										999	9,999,999,999.99
FS FUND										999	9,999,999,999.99
VLDTD DEBITS										999	9,999,999,999.99
VLDTD CREDIT MEMO										999	9,999,999,999.99
TOTAL CREDITS										999	9,999,999,999.99
OVERNIGHT										999	9,999,999,999.99
WITHDRAWAL										999	9,999,999,999.99
ENCASHMENT										999	9,999,999,999.99
DEBIT ON-US CHECKS										999	9,999,999,999.99
ONLINE COLLECTION										999	9,999,999,999.99
PNP-SBR										999	9,999,999,999.99
NHMFC										999	9,999,999,999.99
HDMF/HGC										999	9,999,999,999.99
BIR										999	9,999,999,999.99
MASTERCARD										999	9,999,999,999.99
PCSO KENO										999	9,999,999,999.99
PCSO LOTTO										999	9,999,999,999.99
PHIC										999	9,999,999,999.99
FS FUND										999	9,999,999,999.99
MC, FX DD & GC										999	9,999,999,999.99
DEBIT MEMO										999	9,999,999,999.99
VLDTD DEBITS										999	9,999,999,999.99
VLDTD DEBIT MEMO										999	9,999,999,999.99
TOTAL DEBITS										999	9,999,999,999.99
		CASH RECEIPTS		ON-US CHECK RECEIPTS		LOCAL CHECK RECEIPTS		CASH DISBURSEMENTS			
MISCELLANEOUS		CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL
		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
		MDS ENCASHMENT		MDS CREDIT MEMO		MDS DEBIT MEMO					
MDS		CNT	TOTAL	CNT	TOTAL	CNT	TOTAL			CNT	TOTAL
		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99			999	9,999,999,999.99
		ARR CASH		ARR CHECKS		FAR CASH		FAR CHECK			
ARR/FAR		CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL
		999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99

CASH IN(TOTAL CREDITS-ON-US-LOCAL CHECKS+CASH RECEIPTS)	
CTS RECEIVED	CNT TOTAL
	999 9,999,999,999.99

CASH OUT(TOTAL DEBITS..DEBIT ON US +CASH DISBURSEMENTS)	
CTS DELIVERED	CNT TOTAL
	999 9,999,999,999.99

USER ID	12345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX C-43.3 - BRANCH TOTALS REPORT

NET CASH										9,999,999,999.99
TOTAL CASH IN										9,999,999,999.99
TOTAL CASH OUT										9,999,999,999.99
				CURRENT			SAVINGS			
SOURCE DOCUMENTS	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL
CASH DEPOSIT	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
ON-US CHECKS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
LOCAL CHECKS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
CREDIT MEMO	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
VLDTD DEPOSITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
VLDTD CREDIT MEMO	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
TOTAL CREDITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
TOTAL OVERNIGHT DEPOSITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
WITHDRAWAL	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
ENCASHMENT	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
DEBIT ON-US CHECKS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
MC, FX DD & GC	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
DEBIT MEMO	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
VLDTD DEBITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
VLDTD DEBIT MEMO	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
TOTAL DEBITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
MISCELLANEOUS	CASH RECEIPTS		ON-US CHECK RECEIPTS		LOCAL CHECK RECEIPTS		CASH DISBURSEMENTS			
	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL
	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99
MDS	MDS ENCASHMENT		MDS CREDIT MEMO		MDS DEBIT MEMO					
	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL			CNT	TOTAL
	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99			999	9,999,999,999.99
ARR/FAR	ARR CASH		ARR CHECKS		FAR CASH		FAR CHECK			
	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL
	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX C-43.4-1 - CASH IN VAULT SUMMARY REPORT

LANDBANK OF THE PHILIPPINES

BRANCH NAME

CASH IN VAULT SUMMARY - PESO

DATE

BILLS	BALANCE PREVIOUS DAY	TELLERS	TRANSFERRED TO			SUB-TOTAL	RECEIVED FROM				TOTAL	
			COSD	CASINO	ATM		ATM	COSD	CDM 1	CASINO		TELLERS
1000	5,600,000.00	2,600,000.00	-	-	10,000,000.00	(7,000,000.00)	-	10,000,000.00	-	-	1,300,000.00	4,300,000.00
500's	2,100,000.00	100,000.00	-	-	10,000,000.00	(8,000,000.00)	3,150,000.00	5,000,000.00	-	50,000.00	350,000.00	550,000.00
200's	40,000.00	-	-	-	-	40,000.00	-	-	-	-	-	40,000.00
100's	400,000.00	150,000.00	-	-	1,000,000.00	(750,000.00)	580,000.00	400,000.00	-	-	40,000.00	270,000.00
50's	420,000.00	50,000.00	-	-	-	370,000.00	-	-	-	-	5,000.00	375,000.00
20's	138,000.00	70,000.00	-	-	-	68,000.00	-	60,000.00	-	-	2,000.00	130,000.00
10's	-	-	-	-	-	-	-	-	-	-	-	-
sub total	8,698,000.00	2,970,000.00	-	-	21,000,000.00	(15,272,000.00)	3,730,000.00	15,460,000.00	-	50,000.00	1,697,000.00	5,665,000.00
coins 10.00's	28,000.00	1,000.00	-	-	-	27,000.00	-	-	-	-	-	27,000.00
5.00's	7,500.00	1,000.00	-	-	-	6,500.00	-	-	-	-	-	6,500.00
1.00's	900.00	900.00	-	-	-	-	-	-	-	-	-	-
0.25's	825.00	-	-	-	-	825.00	-	-	-	-	-	825.00
0.10's	110.00	-	-	-	-	110.00	-	-	-	-	-	110.00
0.05's	10.00	-	-	-	-	10.00	-	-	-	-	-	10.00
0.01's	-	-	-	-	-	-	-	-	-	-	-	-
sub total	37,345.00	2,900.00	-	-	-	34,445.00	-	-	-	-	-	34,445.00
CASHER'S P/CO'S	362,300.00	617,300.00	-	-	-	(255,000.00)	324,100.00	-	-	-	417,000.00	486,100.00
COSD/SSS	-	-	1,927,666.13	-	-	(1,927,666.13)	-	-	-	-	1,927,666.13	-
T10-CHRISSEL	2,836.02	2,836.02	-	-	-	-	-	-	-	-	5,534.38	5,534.38
T8-NERI	8,181.35	8,181.35	-	-	-	-	-	-	-	-	11,003.09	11,003.09
T6-	-	-	-	-	-	-	-	-	-	-	-	-
T7-LIZ	1,363.41	1,363.41	-	-	-	-	-	-	-	-	1,475.73	1,475.73
T5-TIN2	17,994.94	17,994.94	-	-	-	-	-	-	-	-	11,342.54	11,342.54
NAC	-	-	-	-	-	-	-	-	-	-	-	-
sub total	392,675.72	647,675.72	1,927,666.13	-	-	(2,182,666.13)	324,100.00	-	-	-	2,374,021.87	515,455.74
GRAND TOTAL	9,128,020.72	3,620,575.72	1,927,666.13	-	21,000,000.00	(17,420,221.13)	4,054,100.00	15,460,000.00	-	50,000.00	4,071,021.87	6,214,900.74
NERRIZA MBERNARDO												0

Beginning Bal.	9,128,020.72
Cash In	6,649,770.72
FT-In	19,564,100.00
CDM FOR THE DAY	0.00
Cash-out	6,199,324.57
FT-out	22,927,666.13
Ending Bal.	6,214,900.74
(Shortage)/Overage	0.00

PREPARED BY

COUNTED BY

Noted BY:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

**ANNEX C-43.4-2 - CASH IN VAULT SUMMARY REPORT
LANDBANK OF THE PHILIPPINES**

**BRANCH NAME
CASH IN VAULT SUMMARY -FCDU
DATE**

BILLS	BALANCE PREVIOUS DAY	TELLER	FUNDS TRANSFERRED TO		WITHDRAW FROM INT'L	RECEIVED FROM			TOTAL
			COSD	FDRD		FDRD	COSD	TELLER	
100	30,000.00	20,000.00						20,000.00	30,000.00
50's	0.00								0.00
20's	4,000.00								4,000.00
10's	0.00								0.00
5's	1,500.00								1,500.00
2's	0.00								0.00
1's	200.00								200.00
sub total	35,700.00	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	35,700.00
coins 1.00's	0.00								0.00
0.50's	0.00								0.00
0.25's	25.00								25.00
0.10's	10.00								10.00
0.05's	5.00								5.00
0.01's	0.00								0.00
sub total	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
TELLER	5,884.61	5,884.61						3,321.38	3,321.38
NAC/teller	0.00								0.00
TELLER	0.00								0.00
sub total	5,884.61	5,884.61	0.00	0.00	0.00	0.00	0.00	3,321.38	3,321.38
GRAND TOTAL	41,624.61	25,884.61	0.00	0.00	0.00	0.00	0.00	23,321.38	39,061.38

Beginning Bal.	41,624.61
Cash-in	1,230.00
FT-in	0.00
Cash-out	3,793.23
FT-out	0.00
Ending Bal.	39,061.38
(Overage)/Shortage	0.00

Prepared By:

Cash Counted BY
BUNDLE COUNTED BY:

Noted by:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX C-43.4-3 - CASH IN VAULT SUMMARY REPORT
 LANDBANK OF THE PHILIPPINES
 BRANCH NAME
 CASH-IN-VAULT (DOLLAR REG) SUMMARY
 DATE

BILLS	BALANCE PREVIOUS DAY	TELLERS	CF BOOTH	FUNDS TRANSFERRED TO		INTL	RECEIVED FROM				TOTAL
				COSD	FDRD		COSD	CF-MALATE/MILA BAY	FDRD	TELLERS	
100's	0.00										0.00
50's	5,000.00										5,000.00
20's	2,000.00										2,000.00
10's	1,000.00										1,000.00
5's	0.00										0.00
2's	0.00										0.00
1's	0.00										0.00
sub total	8,000.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,000.00
coins 1.00's	0.00										0.00
0.50's	0.00										0.00
0.25's	0.00										0.00
0.10's	0.00										0.00
0.05's	5.00										5.00
0.01's	0.00										0.00
sub total	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
TELLER	5,074.97	5,074.97								6,474.97	6,474.97
TELLER	0.00										0.00
FX BOOTH	0.00	1,400.00						1,400.00			0.00
sub total	5,074.97	6,474.97	0.00	0.00	0.00	0.00	0.00	1,400.00	0.00	6,474.97	6,474.97
GRAND TOTAL	13,079.97	6,474.97	0.00	0.00	0.00	0.00	0.00	1,400.00	0.00	6,474.97	14,479.97

Beginning Bal.	\$13,079.97
Cash-in	0.00
FT-in	1,400.00
Cash-out	0.00
FT-out	0.00
Ending Bal.	\$14,479.97
Overage/(Shortage)	0.00

Prepared By

BUNDLE COUNTED BY;

Noted by:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX C-43.4-4 - CASH IN VAULT SUMMARY REPORT
LAND BANK OF THE PHILIPPINES

BRANCH NAME
CASH IN VAULT SUMMARY - EURO
DATE

BILLS	BALANCE PREVIOUS DAY	ISSUED TO TELLERS	TRANSFERRED TO		W/DRAW FROM INT'L	RECEIVED FROM			TOTAL
			COSD	CHANGE		CHANGE	COSD	TELLERS	
500	0.00								0.00
200	0.00								0.00
100	3,200.00								3,200.00
50	0.00								0.00
20	80.00								80.00
10	20.00								20.00
5	25.00								25.00
0	0.00								0.00
	3,325.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,325.00
2	10.00								10.00
1	5.00								5.00
0.50	1.50								1.50
0.20	0.60								0.60
0.10	0.20								0.20
0.05	0.10								0.10
0.01	0.01								0.01
	0.00								0.00
	17.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.41
0	0.00								0.00
0	0.00								0.00
0	0.00								0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3,342.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,342.41

Beginning Bal. 3,342.41
Cash-in 0.00
FT-in 0.00
Cash-out 0.00
FT-out 0.00
Ending Bal. 3,342.41
Overage/(Shortage) 0.00

PREPARED BY

BUNDLE COUNTED BY

Noted by:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX C-43.4-5 - CASH IN VAULT SUMMARY REPORT
 LANDBANK OF THE PHILIPPINES
BRANCH NAME
 CASH IN VAULT SUMMARY - YEN
DATE

BILLS	BALANCE PREVIOUS DAY	ISSUED TO TELLERS	FUNDS TRANSFERRED TO		RECEIVED FROM			TOTAL
			A C M D	AMOUNT	AMOUNT	ACMD	TELLERS	
10000.00	2,000,000.00							2,000,000.00
5000.00	0.00							0.00
1000.00	0.00							0.00
0.00	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	2,000,000.00	0.00	0.00	0.00	0.00	0.00	0.00	2,000,000.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOOSE 10000s	400,000.00							400,000.00
LOOSE 5000s	15,000.00							15,000.00
LOOSE 1000s	4,000.00							4,000.00
		0.00	0.00	0.00	0.00	0.00	0.00	
	2,419,000.00	0.00	0.00	0.00	0.00	0.00	0.00	2,419,000.00

Beginning Bal. ¥2,419,000.00
 Cash-in 0.00
 FT-in 0.00
 Cash-out 0.00
 FT-out 0.00
 Ending Bal. ¥2,419,000.00
 Overage/(Shortage) 0.00

Noted by:

PREPARED BY

BUNDLE COUNTED BY:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

**ANNEX C-43.4-6 - CASH IN VAULT SUMMARY REPORT
LAND BANK OF THE PHILIPPINES**

BRANCH NAME
CASH IN VAULT SUMMARY - 3RD CURRENCY
DATE

3RD CURRENCY	BILLS	NO. OF PCS	BEGINNING	TRANSFERRED TO			RECEIVED FROM			ENDING BALANCE			
				TELLERS	CASH CENTER	BSP	CASH CENTER	FX BOOTH	TELLERS				
JPY	10,000.00	5	0.00		50,000.00			50,000.00		0.00	0	Beg. Balance	JPY 0.00
JAPANESE YEN	5,000.00	0	0.00							0.00	0	FT-In	50,000.00
	1,000.00	0	0.00							0.00	0	FT-Out	50,000.00
	-		0.00							0.00	0	End Balance	JPY 0.00
	-		0.00							0.00	0	Over/Short	0.00
TOTAL		JPY	0.00	0.00	50,000.00	0.00	0.00	50,000.00	0.00	JPY 0.00			
SGD	1,000.00	0	0.00							0.00	0	Beg. Balance	SGD 0.00
SINGAPORE DOLLAR	100.00	0	0.00							0.00	0	FT-In	0.00
	50.00	0	0.00							0.00	0	FT-Out	0.00
	10.00	0	0.00							0.00	0	End Balance	SGD 0.00
	5.00	0	0.00							0.00	0	Over/Short	0.00
TOTAL		SGD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SGD 0.00			
CAD	100.00	0	0.00							0.00	0	Beg. Balance	CAD 0.00
CANADIAN DOLLAR	50.00	0	0.00							0.00	0	FT-In	0.00
	20.00	0	0.00							0.00	0	FT-Out	0.00
	10.00	0	0.00							0.00	0	End Balance	CAD 0.00
	5.00	0	0.00							0.00	0	Over/Short	0.00
TOTAL		CAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CAD 0.00			
BND	500.00	0	0.00							0.00	0	Beg. Balance	BND 0.00
BRUNEI DOLLAR	100.00	0	0.00							0.00	0	FT-In	0.00
	50.00	0	0.00							0.00	0	FT-Out	0.00
	20.00	0	0.00							0.00	0	End Balance	BND 0.00
	10.00	0	0.00							0.00	0	Over/Short	0.00
TOTAL		BND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BND 0.00			
THB	1,000.00	0	0.00							0.00	0	Beg. Balance	THB 0.00
THAILAND BAHT	500.00	0	0.00							0.00	0	FT-In	0.00
	100.00	0	0.00							0.00	0	FT-Out	0.00
	50.00	0	0.00							0.00	0	End Balance	THB 0.00
	20.00	0	0.00							0.00	0	Over/Short	0.00
TOTAL		BND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	THB 0.00			
AUD	100.00	10	0.00		1,000.00			1,000.00		0.00	0	Beg. Balance	AUD 0.00
AUSTRALIAN DOLLAR	50.00	6	0.00		300.00			300.00		0.00	0	FT-In	1,300.00
	20.00	0	0.00							0.00	0	FT-Out	1,300.00
	10.00	0	0.00							0.00	0	End Balance	AUD 0.00
	5.00	0	0.00							0.00	0	Over/Short	0.00
TOTAL		AUD	0.00	0.00	1,300.00	0.00	0.00	1,300.00	0.00	AUD 0.00			
GBP	100.00	0	0.00							0.00	0	Beg. Balance	GBP 0.00
GREAT BRITAIN POUNDS	50.00	0	0.00							0.00	0	FT-In	0.00
	20.00	0	0.00							0.00	0	FT-Out	0.00
	10.00	0	0.00							0.00	0	End Balance	GBP 0.00
	5.00	0	0.00							0.00	0	Over/Short	0.00
TOTAL		GBP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	GBP 0.00			

PREPARED BY

BUNDLE COUNTED BY

Noted by:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX C-43.5 - List of Overridden Transactions

LAND BANK OF THE PHILIPPINES

BRANCH NAME

DATE

OVERRIDDEN TRANSACTIONS REPORT

TIME	USER ID	TRANSACTION TYPE	ACCOUNT NUMBER	AMOUNT	DETAILS
9:45	211196	Withdrawal	57071079	300000	Greater than floor limit

REVIEWED BY:

NOTED BY:

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX C-43.6 - LIST OF BATCH CREDIT AND DEBIT TRANSACTIONS						
BRANCH NAME						
DATE						
FILE NAME	INSTITUTION	NUMBER OF RECORDS	TOTAL AMOUNT	TIME	USER ID	STATUS
1. DEPEDPAY0215	DEPED	100	150,000.00	13:00, 15:00	112345, 112345, 912345	
				NOTE: SEQUENCE OF TIME	NOTE: SEQUENCE OF ID DISPLAYED	NEW - FILE WAS UPLOADED, NOT YET FORWARDED
				1ST TIME: FILE UPLOADED	1ST ID - USER WHO UPLOADED THE FILE	PROCESSED - FILE WAS FORWARDED TO HOST
				2ND TIME: FILE FORWARDED	2ND ID - USER WHO FORWARDED THE FILE	INCOMPLETE - FORWARDING OF FILE WAS INTERRUPTED
					3RD ID - USER WHO AUTHORIZED THE FORWARDING	DELETED - FILE WAS REMOVED

DETAILS OF FILE UPLOADED (DEPEDPAY0215)

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT	STATUS	REMARKS
57071079		1,500.00	SUCCESSFUL - RECORD WAS SUCCESSFULLY DEBITED	DISPLAY ERROR MESSAGE IF RECORD WAS REJECTED
57071080		1,500.00	REJECTED - RECORD WAS NOT PROCESSED	
57071081		1,500.00	NEW - RECORD WAS UPLOADED	

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX C-43.8 - SERVICE CHARGE COLLECTION		
BRANCH NAME		
DATE		
Service Charge Type	Count	Total Amount
1. Interbranch Charge	999	9,999,999.99
2. Transaction Amount Limit	999	9,999,999.99
TOTAL SERVICE CHARGE COLLECTION	999	9,999,999.99

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX C-43.9 - LIST OF EMT TRANSACTIONS							
BRANCH NAME							
DATE							
INCOMING							
TRANSACTION TYPE	BENEFICIARY	SENDER	SECO	REMARKS	AMOUNT	CHECK NUMBER	VALUE DATE
CASH							
ON-US CHECK							
CREDIT MEMO							

	COUNT	AMOUNT
TOTAL CASH TRANSFERS	999	9,999,999.99
TOTAL ON-US CHECK TRANSFERS	999	9,999,999.99
TOTAL CREDIT MEMO TRANSFERS	999	9,999,999.99

OUTGOING							
TRANSACTION TYPE	BENEFICIARY	SENDER	SECO	REMARKS	AMOUNT	CHECK NUMBER	VALUE DATE
CASH							
ON-US CHECK							
CREDIT MEMO							

	COUNT	AMOUNT
TOTAL CASH TRANSFERS	999	9,999,999.99
TOTAL ON-US CHECK TRANSFERS	999	9,999,999.99
TOTAL CREDIT MEMO TRANSFERS	999	9,999,999.99

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

CLASS D

ANNEX C-43.10- EMT TRANSACTIONS TOTAL				
BRANCH NAME				
DATE				
TRANSACTION TYPE	INCOMING		OUTGOING	
	COUNT	TOTAL	COUNT	TOTAL
CASH	999	9,999,999.99	999	9,999,999.99
ON-US CHECK	999	9,999,999.99	999	9,999,999.99
CREDIT MEMO	999	9,999,999.99	999	9,999,999.99
TOTAL INCOMING	999	9,999,999.99	999	9,999,999.99

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX C-43.11 - CASH CARD TRANSACTIONS		
BRANCH NAME		
DATE		
CASH CARD NUMBER	TRANSACTION TYPE	AMOUNT
603131-000000000-0	DEBIT (withdrawal)	9,999,999.99
603131-000000000-0	CREDIT (load cash)	9,999,999.99
TOTAL DEBIT		9,999,999.99
TOTAL CREDIT		9,999,999.99

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

REQUIREMENT NUMBER	REQUIREMENT STATEMENT	PRIORITY	PERCENTAGE COMPLIANCE	CUSTOMIZATION ESTIMATES EFFORT (MAN-DAYS)	REMARKS
Batch File Uploading Facility Rules (business and/or					
NTS-41418-013	The system shall be able to perform validation against processed records in the library of uploaded GSIS files.	Mandatory			
NTS-41418-014	The system shall only accept and process records not yet uploaded in the GSIS library.	Mandatory			
NTS-41418-015	The system shall be able to validate the uploaded files (e.g. hash total, amounts, number of records).	Mandatory			
NTS-41418-016	The system shall be able to perform automatic computation of hash totals on the uploaded file.	Mandatory			
NTS-41418-017	The system shall be able to match/validate the computed hash total on the uploaded file against hash total of the generated hand-off file.	Mandatory			
NTS-41418-018	The system shall only allow processing of validated hand-off files (e.g. hash totals, file name, check digit).	Mandatory			
NTS-41418-019	The system shall be able to allow the user to select the status type to be printed (e.g. all, successful, rejected) e.g. 200 records uploaded for forwarding: After processing, 100 already uploaded in the library (rejected) 100 successfully forwarded	Mandatory			
NTS-41418-020	The system shall be able to continue processing of uploaded files once the connection has been established.	Mandatory			
4.1.4.19 Reversal Handling					
General Requirements					
NTS-41419-001	The system shall be able to allow the user to perform real-time reversal of transaction amount and/or service charges per transaction type subject to override.	Mandatory			
NTS-41419-002	The system shall only allow reversal of transaction/s made within the day.	Mandatory			
NTS-41419-003	The system shall be able to allow the user to reverse a single transaction real-time subject to override.	Mandatory			
NTS-41419-004	The system shall be able to allow the user to reverse a multiple transactions real-time subject to override.	Mandatory			

REVISED

D-27

REQUIREMENT NUMBER	REQUIREMENT STATEMENT	PRIORITY	PERCENTAGE COMPLIANCE	CUSTOMIZATION ESTIMATES EFFORT (MAN-DAYS)	REMARKS
Transactions					
NTS-45-010	The system shall have a parameterized facility to allow the user to view and print all transactions per day (e.g. filtered per user role, transaction type, per branch, specified amount).	Mandatory			
NTS-45-011	The system shall have a facility to allow the user to view and print the following reports (e.g. filtered per user role, transaction type, per branch, specified amount) segregated per transaction type (e.g. Regular On-Us, MDS, MC, GC) – see attached sample report layout: • User Transaction Totals Report (Annex D-39.1)	Mandatory			
NTS-45-012	• Consolidated Transaction Totals Report (Annex D-39.2)	Mandatory			
NTS-45-013	• Branch Totals Report (Annex D-39.3)	Mandatory			
NTS-45-014	• Cash-In-Vault Summary Report- All Currency (Annexes D-39.4-1 to D-39.4-6)	Mandatory			
NTS-45-015	• List of Overridden Transactions (Annex D-39.5)	Mandatory			
NTS-45-016	• List of Batch Credit and Debit (successful and unsuccessful) Transactions. (Annex D-39.6)	Mandatory			
NTS-45-017	• Payment Collection Totals Report (Annex D-39.7)	Mandatory			
NTS-45-018	• Daily Consolidated/Summary Payment Collection Totals (Annex D-39.7)	Mandatory			
NTS-45-019	• Service Charge Collection (Annex D-39.8)	Mandatory			
NTS-45-020	• List of EMT transactions (Annex D-39.9)	Mandatory			
NTS-45-021	• EMT Totals Report (Annex D-39.10)	Mandatory			
NTS-45-022	• Cash Card Debit and Credit Transactions (Annex D-39.10)	Mandatory			
Miscellaneous Transaction					
NTS-45-023	The user shall be able to view, print, and download summary of miscellaneous transactions (with total count and amounts per transaction code).	Mandatory			
NTS-45-024	The system shall only generate and print report miscellaneous transaction codes with values.	Mandatory			
MDS NCA Transaction Reports					
NTS-45-025	The user shall be able to generate, display, print and download report containing the summary and details of forwarded MDS NCA files (e.g. NCA number, MDS account number, issue date, time, amount, User ID, status/remarks).	Mandatory			

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D-39

ANNEX D-39.3 - BRANCH TOTALS REPORT

NET CASH										9,999,999,999.99	
TOTAL CASH IN										9,999,999,999.99	
TOTAL CASH OUT										9,999,999,999.99	
				CURRENT				SAVINGS			
SOURCE DOCUMENTS	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	
CASH DEPOSIT	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
ON-US CHECKS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
LOCAL CHECKS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
CREDIT MEMO	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
VLDTD DEPOSITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
VLDTD CREDIT MEMO	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
TOTAL CREDITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
TOTAL OVERNIGHT DEPOSITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
WITHDRAWAL	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
ENCASHMENT	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
DEBIT ON-US CHECKS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
MC, FX DD & GC	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
DEBIT MEMO	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
VLDTD DEBITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
VLDTD DEBIT MEMO	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
TOTAL DEBITS	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
MISCELLANEOUS	CASH RECEIPTS		ON-US CHECK RECEIPTS		LOCAL CHECK RECEIPTS		CASH DISBURSEMENTS				
	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	
	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	
MDS	MDS ENCASHMENT		MDS CREDIT MEMO		MDS DEBIT MEMO						
	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL			CNT	TOTAL	
	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99			999	9,999,999,999.99	
ARR/FAR	ARR CASH		ARR CHECKS		FAR CASH		FAR CHECK				
	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	CNT	TOTAL	
	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	999	9,999,999,999.99	

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX D-39.4-1 - CASH IN VAULT SUMMARY REPORT

LANDBANK OF THE PHILIPPINES
 BRANCH NAME
 CASH IN VAULT SUMMARY - PESO
 DATE

BILLS	BALANCE PREVIOUS DAY	TELLERS	TRANSFERRED TO			SUB-TOTAL	RECEIVED FROM					TOTAL	
			COSD	CASINO	ATM		ATM	COSD	CDM 1	CASINO	TELLERS		
1000	5,600,000.00	2,600,000.00			10,000,000.00	(7,000,000.00)		10,000,000.00				1,300,000.00	4,300,000.00
500's	2,100,000.00	100,000.00			10,000,000.00	(8,000,000.00)	3,150,000.00	5,000,000.00		50,000.00		350,000.00	550,000.00
200's	40,000.00					40,000.00							40,000.00
100's	400,000.00	150,000.00			1,000,000.00	(750,000.00)	580,000.00	400,000.00				40,000.00	270,000.00
50's	420,000.00	50,000.00				370,000.00						5,000.00	375,000.00
20's	138,000.00	70,000.00				68,000.00		60,000.00				2,000.00	130,000.00
10's	-	-				-							-
sub total	8,698,000.00	2,970,000.00	-	-	21,000,000.00	(15,272,000.00)	3,750,000.00	15,460,000.00	-	50,000.00		1,697,000.00	5,665,000.00
coins 10.00's	28,000.00	1,000.00				27,000.00							27,000.00
5.00's	7,500.00	1,000.00				6,500.00							6,500.00
1.00's	900.00	900.00				-							-
0.25's	825.00					825.00							825.00
0.10's	110.00					110.00							110.00
0.05's	10.00					10.00							10.00
0.01's	-					-							-
sub total	37,345.00	2,900.00				34,445.00							34,445.00
CASHER'S PEGOS	362,300.00	617,300.00				(255,000.00)	324,100.00					417,000.00	486,100.00
COSD/SSS	-		1,927,666.13			(1,927,666.13)						1,927,666.13	-
T10-CHRISSEL	2,836.02	2,836.02				-						5,534.38	5,534.38
T8-NERI	8,181.35	8,181.35				-						11,003.09	11,003.09
T6-	-					-							-
T7-LIZ	1,363.41	1,363.41				-						1,475.73	1,475.73
T5-TINZ	17,994.94	17,994.94				-						11,342.54	11,342.54
NAC	-					-							-
sub total	392,675.72	647,675.72	1,927,666.13	-	-	(2,182,666.13)	324,100.00					2,374,021.87	515,455.74
GRAND TOTAL	9,128,020.72	3,620,575.72	1,927,666.13	-	21,000,000.00	(17,420,221.13)	4,054,100.00	15,460,000.00	-	50,000.00		4,071,021.87	6,214,900.74
NERRIZA MBERNARDO					0								

Beginning Bal.	9,128,020.72
Cash In	6,649,770.72
FT-in	19,564,100.00
CDM FOR THE DAY	0.00
Cash-out	6,199,324.57
FT-out	22,927,666.13
Ending Bal.	6,214,900.74
(Shortage)/Overage	0.00

PREPARED BY

COUNTED BY

Noted BY:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX D-39.4-2 - CASH IN VAULT SUMMARY REPORT
 LANDBANK OF THE PHILIPPINES

BRANCH NAME
 CASH IN VAULT SUMMARY -FCDU
DATE

BILLS	BALANCE PREVIOUS DAY	TELLER	FUNDS TRANSFERRED TO		WITHDRAW FROM INT'L	RECEIVED FROM			TOTAL
			COSD	FDRD		FDRD	COSD	TELLER	
100	30,000.00	20,000.00						20,000.00	30,000.00
50's	0.00								0.00
20's	4,000.00								4,000.00
10's	0.00								0.00
5's	1,500.00								1,500.00
2's	0.00								0.00
1's	200.00								200.00
sub total	35,700.00	20,000.00	0.00	0.00	0.00	0.00	0.00	20,000.00	35,700.00
coins 1.00's	0.00								0.00
0.50's	0.00								0.00
0.25's	25.00								25.00
0.10's	10.00								10.00
0.05's	5.00								5.00
0.01's	0.00								0.00
sub total	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00
TELLER	5,884.61	5,884.61						3,321.38	3,321.38
NAC/teller	0.00								0.00
TELLER	0.00								0.00
sub total	5,884.61	5,884.61	0.00	0.00	0.00	0.00	0.00	3,321.38	3,321.38
GRAND TOTAL	41,624.61	25,884.61	0.00	0.00	0.00	0.00	0.00	23,321.38	39,061.38

Beginning Bal.	41,624.61
Cash-in	1,230.00
FT-in	0.00
Cash-out	3,793.23
FT-out	0.00
Ending Bal.	39,061.38
(Overage)/Shortage	0.00

Prepared By:

Cash Counted BY
 BUNDLE COUNTED BY:

Noted by:

NAME
 DESIGNATION

NAME
 DESIGNATION

NAME
 DESIGNATION

**ANNEX D-39.4-3 - CASH IN VAULT SUMMARY REPORT
LANDBANK OF THE PHILIPPINES**

BRANCH NAME
CASH-IN-VAULT (DOLLAR REG) SUMMARY
DATE

BILLS	BALANCE PREVIOUS DAY	TELLERS	CF BOOTH	FUNDS TRANSFERRED TO		INTL	RECEIVED FROM				TOTAL
				COSD	FDRD		COSD	CF-MALATE/MLA BAY	FDRD	TELLERS	
100's	0.00										0.00
50's	5,000.00										5,000.00
20's	2,000.00										2,000.00
10's	1,000.00										1,000.00
5's	0.00										0.00
2's	0.00										0.00
1's	0.00										0.00
sub total	8,000.00	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0.00	8,000.00
coins 1.00's	0.00										0.00
0.50's	0.00										0.00
0.25's	0.00										0.00
0.10's	0.00										0.00
0.05's	5.00										5.00
0.01's	0.00										0.00
sub total	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.00
TELLER	5,074.97	5,074.97								6,474.97	6,474.97
TELLER	0.00										0.00
FX BOOTH	0.00	1,400.00						1,400.00			0.00
sub total	5,074.97	6,474.97	0.00	0.00	0.00	0.00	0.00	1,400.00	0.00	6,474.97	6,474.97
GRAND TOTAL	13,079.97	6,474.97	0.00	0.00	0.00	0.00	0.00	1,400.00	0.00	6,474.97	14,479.97

Beginning Bal.	\$13,079.97
Cash-in	0.00
FT-in	1,400.00
Cash-out	0.00
FT-out	0.00
Ending Bal.	\$14,479.97
Overage / (Shortage)	0.00

Prepared By

BUNDLE COUNTED BY;

Noted by:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX D-39.4-4 - CASH IN VAULT SUMMARY REPORT
LAND BANK OF THE PHILIPPINES

BRANCH NAME
CASH IN VAULT SUMMARY - EURO
DATE

BILLS	BALANCE PREVIOUS DAY	ISSUED TO TELLERS	TRANSFERRED TO		W/DRAW FROM INT'L	RECEIVED FROM			TOTAL
			COSD	CHANGE		CHANGE	COSD	TELLERS	
									0.00
500	0.00								0.00
200	0.00								0.00
100	3,200.00								3,200.00
50	0.00								0.00
20	80.00								80.00
10	20.00								20.00
5	25.00								25.00
0	0.00								0.00
	3,325.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,325.00
2	10.00								10.00
1	5.00								5.00
0.50	1.50								1.50
0.20	0.60								0.60
0.10	0.20								0.20
0.05	0.10								0.10
0.01	0.01								0.01
	0.00								0.00
	17.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	17.41
0	0.00								0.00
0	0.00								0.00
0	0.00								0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	3,342.41	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3,342.41

Beginning Bal. 3,342.41
Cash-in 0.00
FT-in 0.00
Cash-out 0.00
FT-out 0.00
Ending Bal. 3,342.41
Overage/(Shortage) 0.00

PREPARED BY

BUNDLE COUNTED BY

Noted by:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX D-39.4-5 - CASH IN VAULT SUMMARY REPORT
 LANDBANK OF THE PHILIPPINES
 BRANCH NAME
 CASH IN VAULT SUMMARY - YEN
 DATE

BILLS	BALANCE PREVIOUS DAY	ISSUED TO TELLERS	FUNDS TRANSFERRED TO		RECEIVED FROM			TOTAL
			A C M D	AMOUNT	AMOUNT	ACMD	TELLERS	
10000.00	2,000,000.00							2,000,000.00
5000.00	0.00							0.00
1000.00	0.00							0.00
0.00	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	2,000,000.00	0.00	0.00	0.00	0.00	0.00	0.00	2,000,000.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00							0.00
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOOSE 10000s	400,000.00							400,000.00
LOOSE 5000s	15,000.00							15,000.00
LOOSE 1000s	4,000.00							4,000.00
		0.00	0.00	0.00	0.00	0.00	0.00	
	2,419,000.00	0.00	0.00	0.00	0.00	0.00	0.00	2,419,000.00

Beginning Bal. ¥2,419,000.00
 Cash-in 0.00
 FT-in 0.00
 Cash-out 0.00
 FT-out 0.00
 Ending Bal. ¥2,419,000.00
 Overage/(Shortage) 0.00

Noted by:

PREPARED BY

BUNDLE COUNTED BY:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

**ANNEX D-39.4-6 - CASH IN VAULT SUMMARY REPORT
LAND BANK OF THE PHILIPPINES**

BRANCH NAME
CASH IN VAULT SUMMARY - 3RD CURRENCY
DATE

3RD CURRENCY	BILLS	NO. OF PCS	BEGINNING	TRANSFERRED TO			RECEIVED FROM			ENDING BALANCE
				TELLERS	CASH CENTER	BSP	CASH CENTER	FX BOOTH	TELLERS	
JPY	10,000.00	5	0.00		50,000.00			50,000.00	0.00	0 Beg. Balance JPY 0.00
JAPANESE YEN	5,000.00	0	0.00		0.00				0.00	0 FT-In 50,000.00
	1,000.00	0	0.00		0.00				0.00	0 FT-Out 50,000.00
	-		0.00						0.00	0 End Balance JPY 0.00
	-		0.00						0.00	0 Over/Short 0.00
TOTAL		JPY	0.00	0.00	50,000.00	0.00	0.00	50,000.00	0.00	JPY 0.00
SGD	1,000.00	0	0.00		0.00				0.00	0 Beg. Balance SGD 0.00
SINGAPORE DOLLAR	100.00	0	0.00		0.00				0.00	0 FT-In 0.00
	50.00	0	0.00		0.00				0.00	0 FT-Out 0.00
	10.00	0	0.00		0.00				0.00	0 End Balance SGD 0.00
	5.00	0	0.00		0.00				0.00	0 Over/Short 0.00
TOTAL		SGD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SGD 0.00
CAD	100.00	0	0.00		0.00				0.00	0 Beg. Balance CAD 0.00
CANADIAN DOLLAR	50.00	0	0.00		0.00				0.00	0 FT-In 0.00
	20.00	0	0.00		0.00				0.00	0 FT-Out 0.00
	10.00	0	0.00		0.00				0.00	0 End Balance CAD 0.00
	5.00	0	0.00		0.00				0.00	0 Over/Short 0.00
TOTAL		CAD	0.00	0.00	0.00	0.00	0.00	0.00	0.00	CAD 0.00
BND	500.00	0	0.00		0.00				0.00	0 Beg. Balance BND 0.00
BRUNEI DOLLAR	100.00	0	0.00		0.00				0.00	0 FT-In 0.00
	50.00	0	0.00		0.00				0.00	0 FT-Out 0.00
	20.00	0	0.00		0.00				0.00	0 End Balance BND 0.00
	10.00	0	0.00		0.00				0.00	0 Over/Short 0.00
TOTAL		BND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	BND 0.00
THB	1,000.00	0	0.00		0.00				0.00	0 Beg. Balance THB 0.00
THAILAND BAHT	500.00	0	0.00		0.00				0.00	0 FT-In 0.00
	100.00	0	0.00		0.00				0.00	0 FT-Out 0.00
	50.00	0	0.00		0.00				0.00	0 End Balance THB 0.00
	20.00	0	0.00		0.00				0.00	0 Over/Short 0.00
TOTAL		BND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	THB 0.00
AUD	100.00	10	0.00		1,000.00			1,000.00	0.00	0 Beg. Balance AUD 0.00
AUSTRALIAN DOLLAR	50.00	6	0.00		300.00			300.00	0.00	0 FT-In 1,300.00
	20.00	0	0.00		0.00				0.00	0 FT-Out 1,300.00
	10.00	0	0.00		0.00				0.00	0 End Balance AUD 0.00
	5.00	0	0.00		0.00				0.00	0 Over/Short 0.00
TOTAL		AUD	0.00	0.00	1,300.00	0.00	0.00	1,300.00	0.00	AUD 0.00
GBP	100.00	0	0.00		0.00				0.00	0 Beg. Balance GBP 0.00
GREAT BRITAIN POUNDS	50.00	0	0.00		0.00				0.00	0 FT-In 0.00
	20.00	0	0.00		0.00				0.00	0 FT-Out 0.00
	10.00	0	0.00		0.00				0.00	0 End Balance GBP 0.00
	5.00	0	0.00		0.00				0.00	0 Over/Short 0.00
TOTAL		GBP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	GBP 0.00

PREPARED BY

BUNDLE COUNTED BY

Noted by:

NAME
DESIGNATION

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX D-39.5 - List of Overridden Transactions

LAND BANK OF THE PHILIPPINES

BRANCH NAME

DATE

OVERRIDDEN TRANSACTIONS REPORT

TIME	USER ID	TRANSACTION TYPE	ACCOUNT NUMBER	AMOUNT	DETAILS
9:45	211196	Withdrawal	57071079	300000	Greater than floor limit

REVIEWED BY:

NOTED BY:

NAME
DESIGNATION

NAME
DESIGNATION

ANNEX D-39.6 - LIST OF BATCH CREDIT AND DEBIT TRANSACTIONS						
BRANCH NAME						
DATE						
FILE NAME	INSTITUTION	NUMBER OF RECORDS	TOTAL AMOUNT	TIME	USER ID	STATUS
1. DEPEDPAY0215	DEPED	100	150,000.00	13:00, 15:00	112345, 112345, 912345	NEW - FILE WAS UPLOADED, NOT YET FORWARDED
				NOTE: SEQUENCE OF TIME	NOTE: SEQUENCE OF ID DISPLAYED	PROCESSED - FILE WAS FORWARDED TO HOST
				1ST TIME: FILE UPLOADED	1ST ID - USER WHO UPLOADED THE FILE	INCOMPLETE - FORWARDING OF FILE WAS INTERRUPTED
				2ND TIME: FILE FORWARDED	2ND ID - USER WHO FORWARDED THE FILE	DELETED - FILE WAS REMOVED
					3RD ID - USER WHO AUTHORIZED THE FORWARDING	

DETAILS OF FILE UPLOADED (DEPEDPAY0215)

ACCOUNT NUMBER	ACCOUNT NAME	AMOUNT	STATUS	REMARKS
57071079		1,500.00	SUCCESSFUL - RECORD WAS SUCCESSFULLY DEB	DISPLAY ERROR MESSAGE IF RECORD WAS REJECTED
57071080		1,500.00	REJECTED - RECORD WAS NOT PROCESSED	
57071081		1,500.00	NEW - RECORD WAS UPLOADED	

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX D-39.8 - SERVICE CHARGE COLLECTION		
BRANCH NAME		
DATE		
Service Charge Type	Count	Total Amount
1. Interbranch Charge	999	9,999,999.99
2. Transaction Amount Limit	999	9,999,999.99
TOTAL SERVICE CHARGE COLLECTION	999	9,999,999.99

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX D-39.9 - LIST OF EMT TRANSACTIONS							
BRANCH NAME							
DATE							
INCOMING							
TRANSACTION TYPE	BENEFICIARY	SENDER	SECO	REMARKS	AMOUNT	CHECK NUMBER	VALUE DATE
CASH							
ON-US CHECK							
CREDIT MEMO							

	COUNT	AMOUNT
TOTAL CASH TRANSFERS	999	9,999,999.99
TOTAL ON-US CHECK TRANSFERS	999	9,999,999.99
TOTAL CREDIT MEMO TRANSFERS	999	9,999,999.99

OUTGOING							
TRANSACTION TYPE	BENEFICIARY	SENDER	SECO	REMARKS	AMOUNT	CHECK NUMBER	VALUE DATE
CASH							
ON-US CHECK							
CREDIT MEMO							

	COUNT	AMOUNT
TOTAL CASH TRANSFERS	999	9,999,999.99
TOTAL ON-US CHECK TRANSFERS	999	9,999,999.99
TOTAL CREDIT MEMO TRANSFERS	999	9,999,999.99

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX D-39.10- EMT TRANSACTIONS TOTAL				
BRANCH NAME				
DATE				
TRANSACTION TYPE	INCOMING		OUTGOING	
	COUNT	TOTAL	COUNT	TOTAL
CASH	999	9,999,999.99	999	9,999,999.99
ON-US CHECK	999	9,999,999.99	999	9,999,999.99
CREDIT MEMO	999	9,999,999.99	999	9,999,999.99
TOTAL INCOMING	999	9,999,999.99	999	9,999,999.99

USER ID	112345
TERMINAL ID	12345
DATE	MM/DD/YYYY
TIME	99:99AM

ANNEX D-39.11 - CASH CARD TRANSACTIONS		
BRANCH NAME		
DATE		
CASH CARD NUMBER	TRANSACTION TYPE	AMOUNT
603131-000000000-0	DEBIT (withdrawal)	9,999,999.99
603131-000000000-0	CREDIT (load cash)	9,999,999.99
TOTAL DEBIT		9,999,999.99
TOTAL CREDIT		9,999,999.99

USER ID		112345
TERMINAL ID		12345
DATE		MM/DD/YYYY
TIME		99:99AM

List of LANDBANK Officers, Employees and Consultant(s)

A. Board of Directors

Ex-Officio Chairman: Sec. Carlos G. Dominguez, Department of Finance
Vice Chairperson: Ms. Cecilia C. Borromeo, President and CEO
Members: Sec. Emmanuel F. Piñol, Department of Agriculture
Sec. Silvestre H. Bello III, Department of Labor and Employment
Acting Sec. John R. Castriciones, Department of Agrarian Reform
Mr. Virgilio DV. Robes, Representative - Agrarian Reform Beneficiaries Sector
Mr. Jaime Llaneta Miralles, Representative - Agrarian Reform Beneficiaries Sector
Mr. Jesus V. Hinlo, Jr., Representative - Private Sector
Ms. Nancy Irlanda Tanjuatco, Representative - Private Sector

B. President and CEO: Ms. Cecilia C. Borromeo

C. Bids and Awards Committee (HOBAC)

Chairman: Mr. Alex A. Lorayes, Senior Vice President – Agrarian Service Group
Vice Chairman: Mr. Reynaldo C. Capa, Vice President – Banking Services Group
Regular Members: Ms. Ma. Elizabeth L. Gener, First Vice President – Treasury Support Department
Ms. Elenita C. Rapanut, Vice President – Branch Banking Services Department
Mr. Emmanuel G. Hio, Jr., Vice President – Organizational Development Department
Ms. Esperanza N. Martinez, Vice President – Public Sector Department
Ms. Dina Melanie R. Madrid, Vice President - Facilities and Procurement Services Group
Provisional Member: Atty. Joseph Dennis C. Castro, Legal Manager - Legal Services Group

D. Procurement Department

Head: Mr. Alwin I. Reyes, Asst. Vice President
Officers and Staff: Ms. Ma. Victoria C. Viray, Asst. Dept. Manager - Purchasing Administration Unit
Ms. Rosemarie SJ. Mirando, Asst. Dept. Manager - Contracts Administration Unit
Engr. Elmer M. Abuso, Asst. Dept. Manager
Ms. Remedios S. Lacaden, Senior Management Associate
Ms. Helen S. Purificacion, Chief of Division
Ms. Kristi Ann P. Rutab, Chief of Division
Ms. Leonor F. Santos, Assistant Chief of Division
Mr. Joel R. Perez, Assistant Chief of Division
Mr. Ruel V. Marca, Procurement Specialist II
Mr. Rosalino V. Cruz, Procurement Specialist II
Ms. Ruby S. Cortez, ASO V
Mr. Rommel C. Pascua, ASO V
Mr. Nestor C. Pineda, Procurement Specialist I
Ms. Lubelle B. Lumabas, Procurement Specialist I
Ms. Nadia G. Ileteo, Procurement Analyst
Ms. Clarissa M. Piogo, Procurement Analyst
Ms. Hazel S. Arche, Procurement Analyst
Ms. Ma. Angela Q. Emeterio, Procurement Assistant
Ms. Jeramae T. Fabella, Procurement Assistant
Ms. Kimberly Joy D. Angeles, Procurement Assistant
Mr. Jollianzen Jenkin G. Dy, Procurement Assistant
Mr. Mark Anthony C. Pantalla, Procurement Assistant
Ms. Charmaine S. Florido, Procurement Assistant
Ms. Jeah Crysel L. Escalona, Procurement Assistant
Ms. Jenica V. De Vicente, Procurement Assistant
Mr. Nathaniel P. Martinez, Procurement Assistant
Ms. Arvie B. Estrella, Procurement Assistant

Mr. Aaron V. Sedanto, Procurement Assistant
Ms. Ma. Theresa N. Cruz, Secretary III
Ms. Ruthcelyn U. Francisco, ASO I
Mr. Roman R. Eala, ASO I
Ms. Princess Joy V. Dalida, ASO I
Mr. Angel P. Moron, Office Aide

E. Technical Working Group

Mr. Marcos R. Rabano – Lead, SNCRBG
AVP Manuel A. Dimalaluan – Member, SNCRBG
AVP Renato R. Aquino – Member, NNCRBG
Mr. Glicerio E. Macarandan, Jr. – Member, ITPMD
Ms. Elnie May D. Halos – Member, RBSD
Mr. Reymond C. Santos – Member, SID
Mr. Cromwell A. Davey – Member, BBSD
Mr. Harold A. Bautista – Member, ITPMD
Mr. Jophiel Maie A. Onas – Member, ITPMD

F. Implementing and End-User Unit

Head: Ms. Rosemarie A. Tam – Assistant Vice President, IT Project Management
Department
Officers and Staff: See attached Annex I-2.1

NAME

TAM, Rosemarie A.

BENAVIDEZ, Leopoldo C.
BUENAVENTURA, Ronaldo E.
CASTILLO, Fere P.
CRUZ, Cicero P.
FLORIA, Krimsey Anne G.
GANIAS, Mary Ann Tonette B.
MACARANDAN, Glicerio E.
Santillan, Ronelita C
TUMANENG, Alvin S.

Bonggo, Janise
ABELLIDO, Kenneth Q.
AMPER, Mary Ann T.
BAUTISTA, Harold A.
De Castro, Edmarie C.
GUARNES, Shealtiel Jan M.
MARQUEZ, Jennifer C.
MEDRANO, Roselyn Mae G.
REYES, Rombert P.
VELASCO, Vashti A.

RAMIREZ-MANALO, Elaine F.
HISTORILLO-MANAOG, Vanessa
RECIMO, Mary Grace E.
ABANA, Rhea F.
ABUEL, Kathryn C.
BALAG, Cristal C.
CAMIMO, Madonna A
Enriquez, Joshua Ross D.
PIMENTEL, Ryan A.
OÑAS, Jophiel Marie A.
REQUISO, Jocelyn L.
SAN MIGUEL , Karen Jill E.
STA. MARIA, Charmaine B.

MENDOZA, Andhria A.
DUMALIANG, Camille V.
MAULION, Michael R.

LANDBANK's Responses to Bidders' Clarifications

a. Silverlake Symmetri

Query/Request	Response
<p>1. MDS NCA/ACIC</p> <p>What do these mean and its functionality/details.</p>	<p>Please refer to Business Requirement Document (BRD) on the Definition of Terms:</p> <p>MDS - Refers to the system designed to facilitate effective management of cash resources of the national government. It is an account exclusively used by government agencies in disbursement and collection of funds.</p> <p>NCA - Document issued by the Department of Budget and Management (DBM) directly to its central offices (COs), regional offices (ROs) and specific provincial offices (POs) / operating units (OUs) covering the requirement of agencies for each fund.</p> <p>ACIC - document prepared by the government agency informing the branch concerned of the list of checks, which they have officially released and/or cancelled.</p>
<p>2. The system shall be able to support multiple concurrent log-in and access without system slow down. The system must handle the unexpected volume of transactions for the next five (5) years.</p> <p>a. How many branches, accounts, clients does the bank have?</p> <p>b. How many tellers, concurrently logged-in users, transactions per second is expected?</p> <p>c. What is the projected year-on-year growth from go-live up to 5-years? Unexpected volume growth is expected, but there are natural bounds to HW and SW scalability.</p>	<p>We expect that the new tellering system can able to support and handle multiple concurrent users acces. Please see details below:</p> <p>a. Branches – 467 Branches as of September 09, 2020 Accounts: Current Accounts – 1,023,695 Saving Accounts – 6,467,559 RM – 8,054,039</p> <p>b. Tellers – around 4,614 teller terminals as of Aug 2020 Concurrently logged-in users – 10,838 Transaction per second – see volume of transactions</p> <p>c. Branch growth – 20 Branches per year Transaction growth per year: 10,000,000 transactions per year 2019: 141,000,000 transactions</p>
<p>3. The system shall be able to process transactions within 10-15 seconds response time.</p>	<p>Currently, our Teller system is able to process transactions within seconds. We expect that the new system will provide the same performance.</p>

<p>This should be applicable purely for simple financial transaction.</p>	<p>On that note, 10-15 seconds is not limited to simple financial transactions.</p>
<p>4. The system shall provide a conversion/migration facility (e.g. conversion programs, reports).</p> <p>Please specify where and when these migration scripts are to be made available.</p>	<p>Migration scripts should be available in the new Telling System before go-live</p>
<p>5. The Bank must be provided with an Integration Testing Certification or its equivalent</p> <p>External Certificate or Vendor Certificate is sufficient?</p>	<p>Vendor certificate is sufficient</p>
<p>6. The Bank must be provided with a System Testing Certification (Backup and Recovery Testing, Stress Testing) or its equivalent.</p> <p>What is the difference between SIT and Integration testing? External Certificate or Vendor Certificate is sufficient?</p>	<p>The vendor must provide back-up and restore procedures for the Bank. LBP will do the System Testing by following the procedures given by the vendor.</p>
<p>7. System Integration</p> <p>a. What is the integration modes used to connect to other systems such IST, OMCR, ACR, DOBS, PESONet, Biller, data warehouse.</p> <p>b. Please specify for these systems, the modes to be used: ESB, direct database, MQ, web services, raw TCP/IP, secure file transfer, etc?</p> <p>c. What are the messaging protocols used (including file and bulk-file)?</p> <p>d. What is the expected mode of communication with the core banking host? Are the calls to core banking ACID. If not ACID, what is the consistency model?</p>	<p>a. IST – API OMCR – API ACR - API DOBS - API PESONet – Handoff file Biller - API Data Warehouse – Handoff file</p> <p>b. Via middleware (LBP Enterprise Gateway) Web-service/API, TCP/IP, Secure File Transfer</p> <p>c. Messaging protocol Core has its own messaging format.</p> <p>d. json or ISO</p>
<p>8. HW/SW environment</p> <p>What is the existing and expected HW/SW environment that the NTS is expected to be installed on (e.g. server platform, operating system, network, software ecosystem).</p>	<p>Existing – TCP/IP/SNA, LANDP c/o TMG-WAN Expected - Based on vendor's recommendation</p>
<p>9. Branch Online/Offline</p> <p>Our branch system is web-based and will need constant connection with the server. With this architecture, the NTS server will be collocated with the core banking system. Please clarify the</p>	<p>Store and Forward Facility is an existing functionality in our existing telling system.</p> <p>Allowing the offline branch to accept transactions and upload the transaction file/s in an online branch for posting/processing.</p>

functional/non-functional definition of branch being online or offline (including requirements on store and forward).	
<p>10. Network</p> <p>What is the network topology for the remotest and nearest branches from the head office / datacenter? (e.g. routing, bandwidth, latency). What is the online/offline branch requirements?</p>	<p>Remotest Branch – Bongao (Tawi-tawi) Branch - VSAT 256kbps</p> <p>Nearest Branch – Supreme Court Branch – IPVPN 2Mbps</p> <p>Routing – Enhanced Interior Gateway Routing Protocol (EIGRP)</p> <p>Bandwidth – VSAT Branches: 128 kbps – 2Mbps IPVPN Branches: 1 Mbps – 2 Mbps</p> <p>Latency - VSAT (Bongao): 660ms – 700ms IPVPN (Supremet Court): 20ms</p> <p>Online Branch requirements: Lease line, Modem, Router, Switch, PCs, backup/wireless line Offline Branch requirements: Same with online branch</p>
<p>11. The system shall be able to run on any types of browsers and with their latest versions available in the market.</p> <p>Microsoft is sunsetting IE11 in August 2021, please confirm that this browser will be stricken off from requirements list.</p>	<p>The system shall run on any types of browsers and with their latest versions available in the market upon implementation to production.</p>
<p>12. The system shall be able to support latest Secure Socket Layer (SSL) protection</p> <p>Please confirm that this means TLS 1.2 and/or the need for 2-way SSL (mutual TLS).</p>	<p>Confidential</p>
<p>13. Encryption</p> <p>For encryption of transaction logs/journals, does the bank has an enterprise PKI and key management system that the NTS can leverage on? As per industry practice, the bank will provide PKI key pairs via key management system for security purposes. Please confirm.</p>	<p>The bank has an existing Hardware Security Module (Thales).</p>
<p>14. Processing of transactions via API</p> <p>Please confirm that these are RESTful webservices. What is the expected payload? (XML, JSON, proprietary)?</p>	<p>XML</p>
<p>15. Terminal IDs</p> <p>Our system is web-based where</p>	<p>No. Terminal ID cannot be compensated with user ID and RBAC (role-based access control). It</p>

<p>content is delivered via http browser. These front-end are stateless and terminal ID agnostic. Please confirm that terminal ID can be compensated with user ID and RBAC (role-based access control)</p>	<p>is critically required in generation of reports and totals for reconciliation purposes.</p>
<p>16. Devices Please list all devices (brand, make, model) currently used and are expected to be used. These are devices connected to the desktop and those that are used by tellers so we can assess the proper integration approach (for example: QR readers, biometric capture/verification, flatbed scanners, printers, cash dispensers/recyclers, card reader, etc).</p>	<p>Existing Printer models (RS232):</p> <ol style="list-style-type: none"> 1. Epson PLQ20D 2. COMPUPRINT SP40 Plus <p>No specific make/brand/model</p> <ol style="list-style-type: none"> 1. QR Code 2. Bar Code Reader
<p>17. The system shall have a facility to back-up the system files without downtime Aside from back-ups, the system and infrastructure as a whole will require maintenance downtime as per industry practice – this may include database backup. Please clarify.</p>	<p>Bank's maintenance is scheduled during weekends or non-peak hours. Essential files (e.g. branches, users, bank parameters, etc,) can be backed-up on demand without downtime.</p>
<p>18. Database mirroring, data archival, data restoration These are highly influenced by the bank's IT processes and IT infrastructure. Will this be a deliverable by the project? In what form?</p>	<p>Yes. Provide technical support and procedure/s on how to mirror database, archive and restore data.</p>
<p>19. Facility to view application error including DB and connection errors The ability to consume and make sense of logs other than application logs is a function of the infrastructure software, and may be privileged access beyond application capability. Please clarify this requirement.</p>	<p>The viewing of logs will allow the bank to provide faster resolution on encountered problems.</p>
<p>20. Adaptability to changes in IT architecture As system architecture is normally bound to pre-determined IT enterprise architecture, please clarify this requirement for adapting to IT change.</p>	<p>Adaptability to changes in LBP IT architecture (e.g. new version of OS or database) will require consultation and discussions with the vendor. Changes will be tested prior to production implementation.</p>
<p>21. ABC scope - License for all applications in the Disaster Recovery (DR) site and UAT environment; Software Cost including software application, licenses and other components a. Is the total project budget inclusive of purchase of hardware and</p>	<ol style="list-style-type: none"> a. The ABC is inclusive of licenses for back-up/DR site, UAT, and Production Hardware will be provided by LBP. b. LBP to utilize existing hardware

<p>infrastructure licenses/services (eg. operating system, database, application server, load balancer, certificates, escrow services). This question applies to (production, DR, UAT, SIT)</p> <p>b. Is the same budget exclusive of purchase of HW/SW for supporting local servers (in-branch / regional)</p>	
<p>22. Project Scope - The solution provider is expected to deliver a New Telling System with source code of customized requirements inclusive of 5 years maintenance agreement.</p> <p>Our branch delivery system is delivered to the bank in binary form including customizations made for the bank and developed by Silverlake Symmetri, licensed for operations by the bank. Please clarify this intellectual property requirement.</p>	<p>The bank requires the vendor for the provision of SDK, based source code via escrow and source code of customized requirements will be turned-over to LBP.</p>
<p>23. Requirement to provide version control system</p> <p>As we deliver the system in binary mode, the VCS remains in vendor factory premises. Please clarify.</p>	<p>The bank needs to have the version control mechanism to view the latest version or patches installed in the system.</p>
<p>24. User Acceptance Testing Recurring Severity 1 and 2 UAT findings (i.e. 3x failed retest) shall be subjected to penalty equivalent to the number of man-days consumed by UAT Testers for the retesting of the recurring findings. What type of penalty does this refer to?</p>	<p>Monetary penalty</p>
<p>25. Cost Breakdown Maintenance and Support Cost (including cost of upgrades)</p> <p>Please explain expected scope of upgrades included in the maintenance and support costs. There will be no functional upgrades, only tech/functional fixes will be delivered during the maintenance period. Change requests will be assessed and billed accordingly.</p>	<p>Upgrade refers to patches/fixes in the base system. We concur that change requests will be assessed and billed accordingly.</p>
<p>26. License, Maintenance Agreements, as applicable</p>	<p>a. The project cost includes the maintenance agreement.</p>

<p>Note: If HOBAC disapproves the procurement of maintenance, the solution provider shall have the capability to support the system.</p> <p>a. Please explain further what it means that procurement of maintenance may be disapproved.</p> <p>b. Please explain what is within scope of "maintenance". We as a solution provider can't provide for everything (e.g. server maintenance, DBA services, network upkeep, environment protection and hardening, etc).</p>	<p>b. This refers to the maintenance of functionality, health checking, bug fixing, update (new version), and support of the system/software being supported.</p>
<p>27. Commencement Date will be from receipt of the Notice to Proceed Is release of Notice to Proceed after the contract signing? If Contract Signing is executed only after NTP, please reconsider project start date to commence from Contract Signing Date (instead of NTP) as this process takes time.</p>	<p>The project start date will commence after the receipt of the NTP by winning vendor (issuance of NTP is after the signing of the contract).</p>
<p>28. Escrow Agreement of Source Code for customized requirements</p> <p>a. Is winning bidder expected to find which escrow service/agent to use for source code deposit?</p> <p>b. Is winning bidder expected to open the escrow account and shoulder the account opening fee?</p> <p>c. Does this cover a set number of years?</p>	<p>a. Yes</p> <p>b. Yes</p> <p>c. The escrow agreement shall cover the source code of customized Teller system for 5 years.</p>
<p>29. Payment Milestone Is the payment milestone breakdown still negotiable?</p>	<p>No.</p>
<p>30. The solution provider representative/s must sign Confidentiality Agreement and Acceptable Use Policy Compliance Commitment Certificate.</p> <p>Will these 2 documents be provided prior to submission of bid? These needs to be reviewed by our legal department.</p>	<p>Will be provided to the winning vendor.</p>
<p>31. Bidding is restricted to Filipino citizens/sole proprietorships, cooperatives, and partnerships or organizations with at least sixty percent (60%) interest or outstanding capital stock belonging</p>	<p>Qualifications provided in the existing projects applies to this project.</p>

<p>to citizens of the Philippines.</p> <p>We are a subsidiary of a Singapore company and we have been in the PH for more than 2 decades. Our PH office is registered with PH government agencies (SEC, BIR, etc.) and complies with PH business laws and we are an existing vendor of LBP's Lending and Collateral Management Systems with current maintenance agreement until December 2022. May we know if this requirement can be relaxed/revised?</p>	
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b. Questronix – KIVA Group

Query/Request	Response
1. Regarding the required filled-out Customer Satisfaction Survey, does Landbank allow survey from banks outside the Philippines?	Yes.
2. Is there a requirement for the team to conduct all of the project activities onsite at LandBank, or can development/design occur offsite while implementation/UAT/SIT activities occur onsite at LANDBANK?	There are instances that the vendor is required to report to the Bank. Subject to workable agreement between the vendor and the bank.
3. What are examples of custom forms that need to be developed? Can we request for sample forms and fields?	We will provide sample forms.
4. NTS-41422-001: For customization of transaction receipt, will Landbank require customization to be available to Landbank's administrators / users?	Yes for LANDBANK Administrators.
5. NTS-45-014: May we request for detailed specifications of your cash-in-vault summary report?	We will provide sample report layout.
6. NTS-4141-022: What are the specifications of AML transactions?	Please refer to NTS-4141-014 The system shall have a facility to allow the user to input AML required information (e.g. representative's name, address, zipcode, ID presented/number, remarks) for AML covered transactions.

<p>7. NTS-42-012: What is the current Digital On-Boarding System? What are the interfaces available to integrate with it?</p>	<p>LANDBANK Digital On-Boarding System (DOBS). Queuing System which shall be part of the enhancement of the DOBS.</p>
<p>8. NTS-42-005 to 014: What are the available interfaces to integrate with the following?</p> <ul style="list-style-type: none"> a. ARR/FAR b. Biller Web-Service c. Information Switching Technology (Cash Card) d. Modified Disbursement System (MDS) e. Online Manager's Check Register (OMCR) f. Online Collection System g. PESONet h. Queueing System (Digital On-Boarding System) i. Regular ACIC Facility (ACR) j. Systematics 	<ul style="list-style-type: none"> a. ARR/FAR – API b. Biller Web Service – API c. IST – API d. MDS - API e. OMCR – API f. Online Collection – API g. PESONet – Handoff File h. Queueing System (DOBS) – API i. ACR – API j. Systematics - API

c. ISC Consolsys

Query/Request	Response
<p>1. For certified CV's of technical staff, what kind of certification would you need?</p>	<p>Certification of experience</p>
<p>2. In Annex C, page 34, 4.2 interface/usability requirements for ATM and internet banking system are not mentioned. Is the two not required on the system?</p>	<p>ATM = Information Switching Technology (IST) Internet Banking System is not included in the project scope.</p>

d. Additional Queries from ISC Consolsys

Question/Clarification	Response (excerpts from the Philippine Bidding Documents)
<p>1. In TPF 3 – On the Terms of Reference: Are we to write our comments/suggestions on Landbank's Term of Reference as stated on Page 98: LBP-</p>	<p>Yes, comments/suggestions, if any, on the TOR (Error! Reference source not found.Procuring Entity) may be provided to improve performance in carrying out the Project. It shall include a list of facilities requested by the Consultant to be</p>

HOBAC-ITB-CS-20200623-01	provided by the Procuring Entity.
2. In TPF 7 – Time Schedule for Professional Personnel: Is this time schedule to be completed for each of the vendor’s staff involved in the project? Can you elaborate on what is the purpose of this section? Who needs the authorized representatives and who has to attest this document as stated in the TPF 7 as Full Name, Position and Address?	<p>a. Yes.</p> <p>b. A Time Schedule (Error! Reference source not found.) indicating clearly the estimated duration in terms of person-months (shown separately for work in the field and in the home office) and the proposed timing of each input for each nominated expert, including domestic experts, if required, using the prescribed format. The schedule shall also indicate when experts are working in the project office and when they are working at locations away from the project office.</p> <p>c. The authorized Representative of the Vendor shall sign the document.</p>
3. In TPF 8 – Activity (Work) Schedule: Do we need to state the actual submission date for Inception, Interim, Draft and Final Report? Are these project progress report? Are there specific format we must adhere to?	<p>A work plan showing project milestone, timing of major activities, anticipated coordination meetings, and deliverables such as reports required under the TOR.</p> <p>a. Yes, the actual submission date for the Inception, Interim, Draft and Final Report shall be indicated according to the Vendor’s forecast/timeline.</p> <p>b. Yes, the interim (or progress) reports present the interim, preliminary, or initial evaluation findings. They are scheduled according to the specific needs of your evaluation users, often halfway through the execution of a project. The interim report is necessary to let a project’s stakeholders know how an intervention is going.</p> <p>c. Yes, the format provided may be improved/modified provided that all the required information is consistent with the original form.</p>
4. In TPF 2 – Consultant’s references: Approx. value of services (In current US\$) is it required to disclosed the value of the project? The banks may not allowed it due to confidential agreement.	Yes, vendors are required to indicate the approximate value of the services.

Please note that all forms are prescribed and mandatory under the Philippine Bidding Documents and in accordance with the provisions of the 2016 Revised Implementing Rules and Regulations (IRR) of Republic Act 9184 (R.A. 9184).

Query/Request	Response
5. How many existing transactions (screens / tran-codes) are there?	Existing transaction screens – more or less 200 transaction screens

	Existing transaction codes – more or less 200 transaction codes																																
<p>6. Daily (average and peak) customer POV (point-of-view) transaction volume?</p> <p>Note: A customer POV transaction, for example, a SA interbranch deposit is one (1) transaction but internally for Bank, this one transaction could be spawn a number of transactions e.g. for cash, for interbranch / settlement, etc.</p>	<table border="1"> <thead> <tr> <th>Branch</th> <th>Transaction Volume</th> </tr> </thead> <tbody> <tr> <td>NCR Branch 1</td> <td>2,216,247</td> </tr> <tr> <td>NCR Branch 2</td> <td>2,571,797</td> </tr> <tr> <td>NCR Branch 3</td> <td>6,738,413</td> </tr> <tr> <td>NCR Branch 4</td> <td>2,511,046</td> </tr> <tr> <td>NCR Branch 5</td> <td>4,746,213</td> </tr> <tr> <td>NCR Branch 6</td> <td>1,254,474</td> </tr> <tr> <td>Central Luzon Branch</td> <td>1,388,021</td> </tr> <tr> <td>Northern Luzon Branch</td> <td>1,050,826</td> </tr> <tr> <td>Calabarzon Branch 1</td> <td>785,541</td> </tr> <tr> <td>Calabarzon Branch 2</td> <td>1,122,604</td> </tr> <tr> <td>Bicol Branch</td> <td>1,467,987</td> </tr> <tr> <td>Visayas Branch 1</td> <td>1,429,749</td> </tr> <tr> <td>Visayas Branch 2</td> <td>1,248,845</td> </tr> <tr> <td>Mindanao Branch 1</td> <td>1,238,479</td> </tr> <tr> <td>Mindanao Branch 2</td> <td>1,209,708</td> </tr> </tbody> </table>	Branch	Transaction Volume	NCR Branch 1	2,216,247	NCR Branch 2	2,571,797	NCR Branch 3	6,738,413	NCR Branch 4	2,511,046	NCR Branch 5	4,746,213	NCR Branch 6	1,254,474	Central Luzon Branch	1,388,021	Northern Luzon Branch	1,050,826	Calabarzon Branch 1	785,541	Calabarzon Branch 2	1,122,604	Bicol Branch	1,467,987	Visayas Branch 1	1,429,749	Visayas Branch 2	1,248,845	Mindanao Branch 1	1,238,479	Mindanao Branch 2	1,209,708
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<p>7. Core Banking System (CBS) – Systematics:</p> <p>a) Per existing – TTxx delimited messages and 3270 emulation?</p> <p>b) Others – e.g. Middleware <specify Supplier / System name / protocol available today>?</p> <p>c) File drops / exchange required – Yes / No?</p>	Confidential, shall be available to the winning bidder.																																
<p>8. AML back-end – <specify Supplier / System name / available today>:</p> <p>a) Per existing – <protocol available OR is performed separately / manually today>?</p> <p>b) Others – <protocol available today but not used by LBP>?</p> <p>c) File drop / exchange required – Yes / No?</p>	<p>a. The existing AMLA System requests information/data from the Data warehouse via hand-off file.</p> <p>b. None</p> <p>c. Yes</p>																																
<p>9. LBP Biller Web-Service</p> <p>a) Per existing – <if online is required, protocol available today for various billers OR is performed separately / manually>?</p>	a. via API																																
<p>10. BancNet</p> <p>a) Per existing bill payment collection – <if online is required, protocol available today for various billers>?</p> <p>b) Others – <protocol available today but not used by LBP>?</p> <p>c) Direct interface to billers via</p>	<p>a. via API</p> <p>b. None</p> <p>c. Direct interface via API</p> <p>d. 421 billers more or less (BancNet and Proprietary)</p>																																

<p>this service or via collection accounts at LBP host? d) Number of billers as of today?</p>	
<p>11. Data Warehouse a) Per existing – <available today is via file transfer>?</p>	<p>The New Telling System shall generate structured handoff file (dump file) of transactions daily and shall be forwarded/uploaded to the Data Warehouse.</p>
<p>12. For certified CV's of technical staff, what kind of certification would you need?</p>	<p>Certificate of Technical Staffs experience.</p>
<p>13. In Annex C, page 34, 4.2 interface/usability requirements for ATM and internet banking system are not mentioned. Is the two not required on the system?</p>	<p>The New Telling System shall interface to the IST (<i>IST/Switch is a multi-channel, open-systems transaction switching platform that has been adopted by many of the world's leading financial institutions and national switches, to provide 24x7 transaction processing, ATM and POS driving</i>) for the ATM/Cash Card requirements. Internet banking is out scope.</p>