#### Disclosures on Risk Based Capital (Basel III)

Risk is an integral part of banking business in an ever dynamic environment, which is undergoing radical changes both on the technology front and product offerings. The main risks faced by the bank are credit risk, market risk and operational risk. NRB Bank aims to achieve an optimum balance between risk and return to maximize shareholder value. The relevant information on the various categories of risks faced by the bank is given in the ensuing sections. As per pillar-III under Basel-III, this disclosure is intended to give market participants a better idea on the risk profile and risk management practices of NRB Bank Limited.

To cope up with the international best practices and to make the bank's risk absorbent capital 'Guidelines on Risk Based Capital Adequacy (RBCA) for banks' (Revised Regulatory Capital Framework in line with Basel II) was introduced from January 01, 2009 as a parallel run with BRPD Circular No. 10, dated November 25, 2002 (Basel I). At the end of parallel run, Basel II regime started from January 01, 2010 and the guidelines on RBCA came fully into force with its subsequent supplements/revisions. After that, Bangladesh Bank issued 'Guidelines on Risk Based Capital Adequacy (RBCA) for banks' (Revised Regulatory Capital Framework in line with Basel III) vide its BRPD Circular 18 dated December 21, 2014 that Basel III reporting started from January 2015 and full implementation started from January 2020. Instructions regarding Minimum Capital Requirement (MCR), Adequate Capital Requirement and Disclosure requirement as stated in the guidelines had to be followed by all scheduled banks for the purpose of statutory compliance.

#### Implementation of Basel III:

Basel III refers to the latest capital and liquidity standards prescribed by the Bank for International Settlements (BIS). Bangladesh entered into the Basel III regime effective from January 01, 2015. Bangladesh Bank (BB) amended its capital standard which was based on Basel II and circulated new regulatory capital and liquidity guidelines in line with Basel III of BIS. This new capital and liquidity standards has great implications for banks. The guidelines provide a transition schedule for Basel III implementation up to 2019. From 2020, In line with full implementation, minimum capital to risk weighted assets ratio (CRAR) was set at 12.50% with minimum Tier-1 Capital ratio at 6.00%.

#### The Basel III framework consists of three-mutually reinforcing pillars:

- Pillar 1 covers the calculation of risk-weighted assets and minimum capital requirement for credit risk, market risk and operational risk
- **Pillar 2** (Supervisory Review Process) intends to ensure that the Banks have adequate capital to address all the risks in their business
- Pillar 3 speaks of ensuring market discipline by disclosing adequate information to the stakeholders

#### Limits (Minima and Maxima) under Basel III:

SL	Particulars	<b>2020</b> Required	NRB Bank Ltd. (December, 2020)	
1	Common Equity Tier 1	4.5%	14.62%	
2	Minimum T-1 Capital Ratio	6%	14.62%	
3	Minimum Capital to Risk	10%	16.07%	
	Weighted Asset Ratio			
4	Tier 2 Capital to Risk	Maximum up to 4.0% of the total RWA	1.45%	
	Weighted Asset Ratio	or 88.89% of CET1, whichever is higher		

5	Minimum Total Capital plus	12.50%	16.07%
	Capital Conservation Buffer		
6	Leverage Ratio	≥ 3%	9.23%
7	Liquidity Coverage Ratio	≥ 100%	120.57%
8	Net Stable Funding Ratio	> 100%	109.08%

#### **Components of Disclosure:**

Disclosure is organized as per Bangladesh Bank requirement in the following components:

- 1. Scope of Application
- 2. Capital Structure
- 3. Capital Adequacy
- 4. Credit Risk
- 5. Equities: Disclosures for Banking Book Positions
- 6. Interest Rate Risk in the Banking Book
- 7. Market Risk
- 8. Operational Risk
- 9. Leverage Ratio
- 10. Liquidity Ratio
- 11. Remuneration

#### a) Scope of application:

Qualitative Disclosures	
a) The name of the top corporate	NRB Bank Limited
entity in the group to which this	
guidelines applies	
b) An outline of differences in the	NRB Bank Limited
basis of consolidation for accounting	NRB Bank Limited was formally inaugurated on 4 <sup>th</sup> August, 2013
and regulatory purposes, with a brief	as a Public Limited Company (Banking Company) under the
description of the entities within the	Companies Act 1994 for carrying out all kinds of banking
group (i) that are fully consolidated;	activities. Presently the Bank is operating its business through
(ii) that are given a deduction	Corporate Head Office having following no. of branches, agent
treatment; and (iii) that are neither	banking and other facilities all over Bangladesh-
consolidated nor deducted (e.g.	No. of Branches: 46
where the investment is risk-	No. of Agent banking: 316
weighted).	No. of ATM booths: 46
	No. of DESCO Bill Collection Booths: 07
c) Any restrictions, or other major	Not applicable
impediments, on transfer of funds or	
regulatory capital within the group.	
Quantitative Disclosures	
d) The aggregate amount of surplus	Not applicable
capital of insurance subsidiaries	τιοι αρριιασία
(whether deducted or subjected to	
an alternative method) included in	
the capital of the consolidated group.	

#### b) Capital Structure:

#### **Qualitative Disclosures** a) Summary information on the As per Guidelines on Risk Based Capital Adequacy (Revised terms and conditions of the main Regulatory Capital Framework for Banks in line with Basel III) features of all capital instruments, introduced by Bangladesh Bank, 'Common Equity Tier-1 (CET 1)' Capital of NRBBL consists of (i) Paid-up Capital, (ii) Statutory especially in the case of capital instruments eligible for inclusion in Reserve and (iii) Retained Earnings. CET 1, Additional Tier 1 or Tier 2. NRB Bank does not have 'Additional Tier 1 (AT 1)' Capital since it did not issue any instrument that meets the qualifying criteria for Additional Tier 1 Capital. Tier-2 Capital consists of (i) General Provision **Compliance with Regulatory Requirements by NRB Bank:** Conditions for maintaining regulatory capital: The Bank complied with all the required conditions for maintaining regulatory capital

#### **Particulars** Status of compliance The bank has to maintain at least 4.50% of total Complied Risk Weighted Assets (RWA) as Common Equity Tier 1 capital. Tier 1 capital will be at least 6.00% of the total Complied RWA. Minimum capital to Risk Weighted Asset Ratio Complied (CRAR) will be 12.50% of the total RWA. Maximum limit of Tier-2 capital: Tier 2 capital can Complied be maximum up to 4% of the total RWA or 88.89% of CET-1, whichever is higher.

as stipulated in the Basel III guidelines as per following details:

#### **Quantitative Disclosures**

b) The amount of Regulatory capital of NRB Bank Limited under Basel-III for 31<sup>st</sup> December, 2020 is as follows:

1. Common Equity Tier-1 (Going Concern Capital)	Solo
	Amount in Million
Fully Paid-up Capital/Capital Deposited with BB	4,665.60
Statutory Reserve	660.51
Retained Earnings	470.95
Less: Regulatory Adjustment for Tier-1 Capital	328.22
Total Common Equity Tier-1 Capital	5,468.84
2. Tier-2 Capital (Gone-Concern Capital)	
General Provision	544.33
Total Admissible Tier-2 Capital	544.33
Total Regulatory Capital	6013.17

#### c) Capital Adequacy:

**Qualitative Disclosures** 

a)	Α	sum	mar	y disc	ussion	of	the	bank's
	ар	proa	ch to	asses	sing th	e ad	equa	cy of its
	ca	pital	to	suppo	rt cur	rent	and	future
	ac	tivitie	es.					

In terms of BB Guidelines, NRB Bank has been assessing Risk Based Capital Adequacy under Basel-III from 01 January 2015. Under Basel-III framework the capital requirement is determined for Credit Risk and Market Risk under Standardized Approach and Operational Risk under Basic Indicator Approach and summed-up Weighted Assets and thereafter the Minimum Capital Requirement to determine total risk (MCR). The Bank assesses the capital requirement considering the existing size of portfolio, concentration of portfolio to different risk weight groups, asset quality, profit trend etc. on quarterly basis. The Bank also forecasts the adequacy of capital in terms of its capacity of internal capital generation, maintaining the size of the portfolio, asset quality, conducting credit rating of the borrowers, segregation of portfolio to different risk weight groups etc.

The Bank has a Board approved policy on Internal Capital Adequacy Assessment Process (ICAAP) as stipulated by Bangladesh Bank. The ICAAP also details the Risk Appetite of the Bank, assessment of material risks, the process for capital adequacy assessment to support business projections, adequacy of risk control framework, capital raising plans and Bank-wide stress testing.

The periodic assessment of bank's performance against the Risk Appetite defined under ICAAP and results of stress testing are reported to the Board of Directors for their review.

CRAR has been computed based on the Basel III guidelines and it is well above the regulatory minimum level of 12.50%. Risk Management Division (RMD) under guidance of the SRP team/ERMC (Executive Risk Management Committee), is taking active measures to identify, quantify, manage and monitor all risks to which the Bank is exposed to.

14.62%

Quantitative Disc	ciosures
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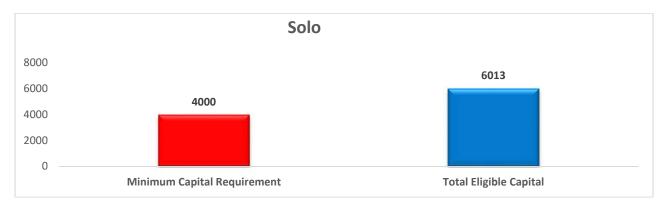
Capital requirement under following Risk:	Amount in Million				
b) Capital requirement for Credit Risk	3,181.76				
c) Capital requirement for Market Risk	185.30				
d) Capital requirement for Operational Risk	374.01				
Total Capital Requirement (b+c+d)	3,741.08				
Minimum Capital Requirement (MCR) Capital Adequacy Ratio (CRAR):					
1. Common Equity Tier 1 (CET 1) Ratio	14.62%				

2. Tier 1 Capital Adequacy Ratio

3. Tier-2 Capital Adequacy Ratio	1.45%
Capital to Risk-weighted Asset Ratio (CRAR)	16.07%
Capital Conservation Buffer (2.50%)	6.07%
Minimum Capital Requirement (MCR)	4,000.00

#### **Eligible Capital:**

(BDT Million)

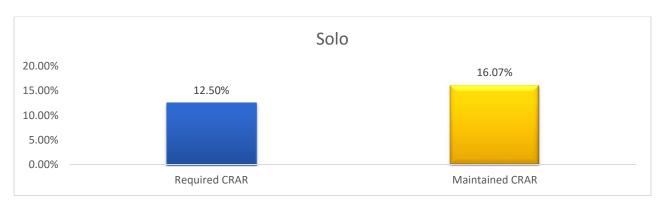


## Minimum T-1 Capital Ratio:

(BDT Million)



#### Capital Adequacy to Risk Weighted Asset Ratio (CRAR):





## d) Credit Risk:

Qualitative	a) The general qualitative disclosure requirement with respect to credit risk:							
Disclosures								
<ul><li>i) Definitions of past due and impaired</li></ul>	impaired loans a the credit risk o basis of (i) Object	As per relevant Bangladesh Bank guidelines, the bank defines the past due and impaired loans and advances for strengthening the credit discipline and mitigating the credit risk of the Bank. The impaired loans and advances are defined on the basis of (i) Objective/ Quantitative Criteria and (ii) Qualitative judgment.						
		For this purpose, all loans and advances are grouped into four (4) categories,						
	(a) Continuous Agricultural	namely- (a) Continuous Loan (b) Demand Loan (c) Fixed Term Loan and (d) Short-term Agricultural & Micro Credit.						
	Definition of pas	st due/o		anat dun	14/	hen started		
	Categories Continuous	If not	Definition of	within the fixed	From			
	Loan		•			wing day of		
						the expiry date.		
	Demand Loan	for re	repaid within the payment or afte bank will be overdue	As above				
	Fixed Term	In cas	se of any installn	As al	oove			
	Loan	install repaid amou	ment(s) of a Fixed within the fixed nt of unpaid instead as past due/over					
	Short-term	If not	repaid within the	fixed expiry date	After	r 6 months of		
	Agricultural and Micro-Credit		epayment will be overdue.	considered past	the expiry date.			
	Definition of impaired / classified /non-performing loans and advances follows:  Loans Classification							
	Type of facil	lity	Substandard	Doubtful		Bad & Loss		
	Continuous Lo Demand Loan	•	3 months or more but less than 9 months	9 months or more less than 12 mont		12 months or more		
	Fixed Term Loar		3 months or more but less	9 months or more less than 12 mont		12 months or more		
			than 9 months					

Short Term	12 months or	36 months or more	60 months or	
Agricultural & Micro	more but less	but less than 60	more	
Credit	than 36	months		
	months			

#### **Substandard Loan:**

A Continuous Loan, Demand Loan, Fixed Term Loan or any installment(s)/part of installment(s) of a Fixed Term Loan which will remain past due/overdue for a period of 03 (three) months or beyond but less than 09 (nine) months, the entire loan will be put into the "Sub-standard (SS)".

#### **Doubtful Loan:**

A Continuous Loan, Demand Loan, Fixed Term Loan or any installment(s)/part of installment(s) of a Fixed Term Loan which will remain past due/overdue for a period of 09 (nine) months or beyond but less than 12 (twelve) months, the entire loan will be put into the "Doubtful (DF)".

#### Bad/Loss Loan:

A Continuous loan, Demand loan, Fixed Term Loan or any installment(s)/part of installment(s) of a Fixed Term Loan which will remain past due/overdue for a period of 12 (twelve) months or beyond, the entire loan will be put into the "Bad/Loss (B/L)".

In case of any installment (s) or part of installment (s) of a Fixed Term Loan amounting up-to Taka 10 lacs is not repaid within the due date, the classification is as under:

**Substandard:** If the amount of past due installment is equal to or more than the amount of installment (s) due within 6 (six) months, the entire loan will be classified as 'Sub- standard';

**Doubtful:** If the amount of past due installment is equal to or more than the amount of installment (s) due within 9 (nine) months, the entire loan will be classified as 'Doubtful';

**Bad/Loss:** If the amount of past due installment is equal to or more than the amount of installment (s) due within 12 (twelve) months, the entire loan will be classified as 'Bad/Loss'.

#### Short-term Agricultural and Micro-Credit is classified as follows:

The Short-term Agricultural and Micro-Credit will be considered irregular if not repaid within the due date as stipulated in the loan agreement. If the said irregular status continues, the credit will be classified as 'Substandard' after a period of 12 months, as 'Doubtful' after a period of 36 months and as 'Bad/Loss' after a period of 60 months from the stipulated due date as per the loan agreement.

ii) Description of		Rates of Provision					
approaches	Loan Type	Un- Clas	Classified				
followed for		Standard	SMA	SS	DF	BL	
specific and	House Building and loans for	2%	2%	20%	50%	100%	
general allowances	Professionals						
and statistical	Other than house building and	2%	5%	20%	50%	100%	
methods	professionals						



Loans to BHs/MBs against share	2%	2%	20%	50%	100%
Small & Medium Enterprise	0.25%	0.25%	20%	50%	100%
Short term Agri /Micro Credit	2.5%	-	5%	5%	100%
All Others	1%	1%	20%	50%	100%
Off Balance Sheet	1%	-	-	-	-

### iii) Discussion of the Bank's Credit risk management policy.

The Bank has put in place a well-structured Credit Risk Management Policy duly approved by the Bank's Board of Directors. The Policy document defines organization structure, role & responsibilities and the processes whereby the Credit Risks carried out by the Bank can be identified, quantified & managed within the framework that the Bank considers consistent with its mandate and risk tolerance.

Credit Risk is monitored on a bank-wide basis and compliance with the risk limits approved by Board/Risk Management Committee of Board.

NRB Bank has taken earnest steps to put in place best credit risk management practices in the bank. Besides, the bank has framed a policy on Valuation Methodology with the approval by the Board. According to the methodology, eligible securities normally accepted by the Bank are taken to protect the interest. These securities act as mitigation against the credit risk to which the bank is exposed.

#### **Quantitative Disclosures:**

#### b) Total gross credit risk exposures broken down by major types of credit exposure:

Major Types	Continuous	Demand	Fixed	Short Term	Staff	Total
	Loan	Loan	Term	Agri. Credit &	Loan	
			Loan	Micro Credit		
Small & Medium	2,466.41	5,840.79	5,130.07	-	-	13,437.28
Enterprise Financing						
Consumer Financing	1,923.31	-	1,320.81	-	-	3,244.12
Loans to BHs/MBs/Sds against Share	-	-	-	-	-	-
Housing Finance	-	-	623.62	-	-	623.62
Loan for Professionals to setup business (LP)	-	-	-	-	-	-
Short Term Agri. Credit	-	-	-	481.16	-	481.16
Others	4,470.15	9,617.71	6,700.52	-	-	20,788.38
Staff Loan	-	-	-	-	274.01	274.01
Total exposure	8,859.87	15,458.51	13,775.02	481.16	274.01	38,848.57



# c) Geographical distribution of exposures, broken down in significant areas by major types of credit exposure of NRBBL:

(Amount in Million)

Geographical Distribution	Amount	Grand Exposure
Urban		
Dhaka	25,846.43	
Chittagong	6,212.75	
Sylhet	1,109.21	36,208.44
Rajshahi	1,041.39	
Barishal	-	
Khulna	1,459.36	
Rangpur	-	
Mymensingh	539.31	
Rural		
Dhaka	2,245.88	
Chittagong	279.94	
Sylhet	114.31	2.640.42
Rajshahi		2,640.13
Barishal		
Khulna		
Rangpur		
Mymensingh		
Total		38,848.57

# d) Industry or counterparty type distribution of exposures, broken down by major types of credit exposure of NRBBL:

Industry Type	Amount
Agriculture	481.16
Food & allied industries	1,338.99
Tobacco	-
Readymade garments	2,006.10
Textiles	2,232.79
Ship breaking & ship building	813.63
Basic metal & steel engineering	858.08
Non-metallic mineral products	837.69
Pharmaceuticals industry	179.27
Chemical & chemical products	48.28
Rubber & plastic industries	720.66
Leather & leather products	645.08
Wood, furniture & fixtures	212.38
Paper & paper products	177.87
Electronic goods & machineries	1,965.91
Power & gas	1,192.32
Other manufacturing industries	2,592.68
Construction & commercial real estate	6,238.52

Transport & communication	119.98
IT & telecommunication	948.11
Medical services	14.89
Hotel & restaurant services	0.41
Printing & publishing industries	44.26
Other service industries	1,128.13
NBFIs	567.54
Trade & commerce	6,137.53
Consumer credit	3,202.65
Credit card	1,923.31
Staff loan	274.01
Others	1,946.38
Total	38,848.57

# e) Residual contractual maturity breakdown of the whole portfolio, broken down by major types of credit exposure of NRBB

(Amount in Million)

Time band	Continuous	Demand	Term	Agricultural	Staff Loan	Total
	Loan	Loan	Loan	Credit		
Up to 1 month	2,850.28	7,415.04	430.65	237.07	0.08	10,933.12
1 to 3 months	1,106.18	1,613.53	46.11	12.52	0.12	2,778.46
3 to 6 months	689.35	3,473.38	171.55	231.56	0.51	4,566.35
6 to 12 months	2,385.80	2,000.82	1,522.49	-	1.97	5,911.09
1 to 2 years	386.95	649.39	2,232.84	-	5.63	3,274.80
2 to 3 years	544.73	-	1,801.35	-	26.91	2,372.99
3 to 4 years	486.09	52.07	2,385.56	-	27.15	2,950.87
4 to 5 years	410.50	-	2,381.03	-	55.37	2,846.90
5 to 7 years	-	254.28	1,930.72	-	30.09	2,215.08
7 to 10 years	-	-	545.53	-	52.40	597.93
Over 10 years	-	-	327.19	-	73.78	400.98
Total	8,859.87	15,458.51	13,775.02	481.16	274.01	38,848.57

#### f) By major industry or counterparty type of NRBBL:

#### • AMOUNT OF IMPAIRED LOANS AND IF AVAILABLE, PAST DUE LOANS, PROVIDED SEPARATELY:

Industry	Impaired	Past due
Small & Medium Enterprise Financing	874.63	867.83
Consumer Financing	148.10	93.47
Housing Finance	1.86	0.24
Loans for Professionals to setup business	-	-
Loans to BHs/MBs/SDs against Shares etc.	-	-
Other Corporate Credit	418.44	530.78
Short Term Agri Credit & Micro Credit	-	0.32
Staff Loan	-	-
Total	1,443.02	1,492.64

#### • SPECIFIC AND GENERAL PROVISION (REQUIRED)

(Amount in Million)

Sector	<b>General Provision</b>	Specific Provision
Small & Medium Enterprise Financing	82.89	542.23
Consumer Financing	69.68	85.51
Housing Finance	9.91	0.06
Loans for Professionals to setup business	-	1
Loans to BHs/MBs/SDs against Shares etc.	-	1
Other Corporate Credit	274.46	192.74
Short Term Agri Credit & Micro Credit	4.81	•
Against Off-Balance Sheet	102.57	-
Grand Total	544.33	820.54

#### • CHARGES FOR SPECIFIC ALLOWANCES AND CHARGE-OFFS DURING THE PERIOD.

Against Classified Loans & Advances	Amount in Million
Provision held on 1 January , 2020	1,109.51
(-) Fully provided debts written off	-
(-)Recoveries from previously written off debts	-
(+)Provisions made during the year	(288.97)
Provision held at end of year	820.54
Against Unclassified Loans & Advances	Amount in Million
Provision held on 1 January, 2020	348.05
Add: Provisions made during the year:	
On General Loans and Advances	(32.71)
On Special Mention Account (SMA)	(7.04)
Special general provision (COVID-19)	133.70
Less: Provision reversed due to loan settlement	(0.24)
Provision held at end of year	441.76
General Provision for Off Balance Sheet Exposures	Amount in Million
Provision held on 1 January , 2020	136.27
Provisions made during the year	(33.70)
Provision held at end of year	102.57

# g) Gross Non-Performing Assets (NPAs) of NRBBL:

	(/
Gross Non-Performing Assets (NPAs)	
Non-Performing Assets (NPAs) to outstanding loans & advances	
Movement of Non-Performing Assets for NPAs	
Opening balance	1,611.03
Additions	333.49
Reductions	501.49
Closing Balance	1,443.02
Movements of specific provisions for NPAs	
Opening balance	1,109.51

Provision made during the period	(288.97)
Write-off	-
Write back of excess provisions	-
Closing Balance	820.54

## e) Equities: Disclosures for Banking Book Position

Qualitative Disclosures:	The general qualitative disclosure requirement with respect to equity risk, including:		
Differentiation between holdings on which capital gains are expected and those taken under other objectives including for relationship and strategic reasons; and  Discussion of important policies covering the valuation and accounting of equity holdings in the banking book, This includes the accounting techniques and valuation methodologies used, including key assumptions and practices affecting valuation as well as significant changes in these practices	Investment of NRB Bank in equities is divided into two categories: quoted equities (which are traded in the secondary market) and unquoted equities (which are not traded in the secondary market such as Subordinated Bond, Commercial Paper etc). Since the intent of holding unquoted equities is not trading, the same are considered as banking book equity exposure.  Important policies covering equities valuation and accounting of equity holdings in the Banking Book are based on the use of the cost price method for valuation of equities. The primary aim is to invest in these equity securities for the purpose of capital gain by selling them in the future or held for dividend income. Dividends received from these equity securities are accounted for as and when received. Both Quoted and Un-Quoted equity securities are valued at cost and necessary provisions are maintained if the prices fall below the cost price. As per to Bangladesh Bank guidelines, the HFT equity securities are revalued once in each week using marking to market concept and HTM equity securities are amortized once a year according to Bangladesh Bank guideline. The HTM equity securities are also revalued if any, are reclassified to HFT category with the approval of the Board of Directors. Preference is given to purchase of shares of strong companies at face value through placement/ IPO.		
Quantitative Disclosure  Value disclosed in the balance	Value of Investments in Balance Sheet	Amount in Million	
sheet of investments, as well as the fair value of those investments; for quoted securities, a comparison to	Shares in Listed Companies (Valuation at average cost price)	738.36	
publicly quoted share values where the share price is materially different from fair value.			
<ul> <li>The cumulative realized gains (losses) arising from sales and liquidations in the reporting period.</li> </ul>		82.71	
* Total unrealized gains (losses)		(83.31)	



* Total latent revaluation gains (losses)				0
* Any amounts of the above included in Tier – 2 capital.				0
<ul> <li>Capital requirements broken down by appropriate equity groupings, consistent with the</li> </ul>	equity December 2020 was as under:			
bank's methodology, as well as the aggregate amounts and the	Particulars	Amount (MV)	Weight	Capital Charge
type of equity investments	Specific Risk	654.98	10%	65.50
subject to any supervisory	General Market Risk	654.98	10%	65.50
provisions regarding regulatory capital requirements.	Total	1,309.96		131.00

#### f) Interest rate risk in the banking book (IRRBB):

(a) The general qualitative disclosure requirement including the nature of IRRBB and key assumptions, including assumptions regarding loan prepayments and behavior of non-maturity deposits, and frequency of IRRBB measurement. Asset Liability Management Committee (ALCO) has the overall responsibility of managing the interest rate risk in the banking book of the Bank. ALCO fixes the deposit and lending rates of the Bank and directs the investment activities of the Bank in line with its interest rate view. Limits are fixed from both Earnings and Economic Value Perspective and adherence monitored on a monthly basis.

#### The Bank follows following viewpoints to manage the IRR:

- a) Earnings perspective: Indicates the impact on Bank's Net Interest Income (NII) in the short term.
- b) Economic perspective: Indicates the impact on the net-worth of bank due to re-pricing of assets, liabilities and off-balance sheet items.

#### Risk measurement and reporting framework:

- I. Interest Rate Sensitivity Report: Measures mismatches between rate sensitive assets and rate sensitive liabilities in various tenor buckets based on re-pricing or maturity, as applicable.
- II. Duration Gap Analysis: A weighted maturity/reprising schedule is used to evaluate the effects of changing interest rates on bank's economic value by applying sensitivity weights to each time band. Such weights are based on estimates of the duration of the assets and liabilities that fall into each time band.



III. Stress Testing: This analysis is used for measuring the Interest	
	rate risk on its Balance Sheet exposure for estimating the
	impact on the Capital to Risk Weighted Assets Ratio (CRAR).

#### **Quantitative Disclosures:**

**(b)** The increase (decline) in earnings or economic value (or relevant measure used by management) for upward and downward rate shocks according to management's method of measuring IRRBB, broken down by currency.

(Amount in Million)

Interest Rate Risk in the banking book	Residual maturity bucket			
	3 months	6 months	1 year	Above 1 year
Interest Sensitive Assets (A)	15,687.02	4,550.14	5,894.46	14,496.61
Interest Sensitive Liabilities (B)	13,659.68	7,349.20	10,700.92	10,700.31
GAP (A-B)	2,027.34	(27,99.06)	(4,806.46)	3,796.30
Cumulative GAP	2,027.34	(771.72)	(5,578.18)	(1,781.88)

#### **CRAR after Shock:**

(Amount in Million)

		,	,
Magnitude of Shock	Minor	Moderate	Major
	1%	2%	3%
Regulatory Capital (After shock)	6,050.40	5,802.80	5,555.20
RWA (After shock)	36,878.90	36,878.90	36,878.90
CRAR (After shock)	16.41%	15.73%	15.06%
Total Assets	55,088.40	55,088.40	55,088.40
Duration Gap in years	0.48	0.48	0.48
Changes in Market value of Equity due to an	247.60	495.20	742.81
increase in interest Rate, Δ MVE			

#### g) Market Risk:

Qualitative Disclosures:		
Views of BOD on trading/investment	The Board approves all policies related to market risk, set limits and	
activities	reviews compliance on a regular basis. The objective is to provide	
	cost effective funding to finance assets growth and trade related	
	transactions.	
	The market risk covers the followings risks of the Bank's balance	
	sheet:	
	i) Interest rate risk;	
	ii) Equity price risk;	
	iii) Foreign exchange risk; and	
	iv) Commodity price risk.	
Methods used to measure Market risk	Standardized approach has been used to quantify the market risk.	
	The total capital requirement in respect of market risk is the	
	aggregate capital requirement calculated for each of the risk sub-	
	categories. The methodology to calculate capital requirement	



185.30

SL Market Risk		Capital Requirement
The Capital requirements for specified i	risk are as follows:	(Amount in Million)
Quantitative Disclosures:		
market risk:	on-balance sheet and off-balance sheet items. The limits are monitored and enforced on a regular basis to protect against market risks. The ALCO of the Bank meets on regular basis to review the prevailing market condition, exchange rate, foreign exchange position and transactions to mitigate foreign exchange risks.	
Policies and processes for mitigating	parameters on mon for containing the R' There are approved	limits for Market risk related instruments both
	the limit set by Bang positions. Foreign e short positions or ne	exchange risk of the bank, the bank has adopted ladesh Bank to monitor foreign exchange open exchange risk is computed on the sum of net et long positions, whichever is higher.
Market Risk Management System	To manage the inte ratios and paramet regularly monitors a Funding Ratio (NSFF Liquid asset to total Short term borrowi	rest rate risk, ALCO regularly monitors various ters. Of the ratios, the key ratios that ALCO are Liquidity Coverage Ratio (LCR), Net Stable R), and Maximum Cumulative Outflow (MCO), assets, Volatile liability dependency ratio and ng to Liquid assets ratio. ALCO also regularly st rate sensitive gap and duration gap of total
	Capital Charge fo b) Capital charges for Capital Charge for Market Risk c) Capital charges for Capital Charge for Capital Charge for Capital charges for Capital Charg	ws:  or interest rate risk= r General Market Risk or Equity Position Risk= or Specific Risk + Capital Charge for General or Foreign Exchange Risk= r General Market Risk or Commodity Position Risk= r General Market Risk
		Approach for each of these market risk

# SL Market Risk Capital Requirement A Interest Rate Related instruments 37.36 B Equities 131.00 C Foreign Exchange Position 16.95 D Commodities 0

Total



# h) Operational Risk:

Qualitative Disclosures:			
i) Views of BoD on system to reduce Operational Risk	Operational Risk is the risk of loss resulting from inadequate or failed internal processes, people or systems or from external events. It includes legal risk but excludes strategic and reputation risk. Operational risk is inherent in the Bank's business activities in day to day operations.  As a part of continuous surveillance, the Senior Management Team (SMT) and Internal Control and Compliance Division, regularly reviews different aspects of operational risk. The analytical assessment was reported to the Board/ Risk Management Committee/Audit Committee of the Bank for review and formulating appropriate policies, tools & techniques for mitigating operational risk.		
ii) Performance gap of executives and staffs	The bank believes that training and knowledge sharing is the best way to reduce knowledge gap. Therefore, it arranges trainings on a regular basis for its employees to develop their expertise. The bank offers competitive pay package to its employees based on performance and merit. It always tries to develop a culture where all employees can apply his/her talent and knowledge to work for the organization with high ethical standards in order to add more value to the company and for the economy.		
iii) Potential external events	No potential external event is expected to expose the Bank to significant operational risk. The Bank has a separate Operational Risk Policies at different operational units addressing specific issues involving Operational Risk.		
i) Policies and Processes for mitigating operational risk:	the operational risks. If any controls are found to be ineffective during the course of Risk & Control Self-Assessment, corrective measures are adopted in due course. A monitoring system is also in place for tracking the corrective actions plan periodically. The various Board approved policies viz., Risk Management Policy, CRM Policy, Internal Control & Compliance Policy, Policy on ML & FT, ICT Security Policy addresses issues pertaining to Operational Risk Management.		
	In 2020, Audit Department conducted following No. of audit:		
	Risk Based Audit on branches	38	
	Comprehensive Audit at Head Office	17	
	Surprise cash audit	08	
	IT Audit - Department IT Audit - Branch	04 19	
	Spot Inspection on Money Laundering	08	



	Inspection on Age	ent Outlet	03	
v) Approach for calculating capital	The Bank follows	The Bank follows the Basic Indicator Approach (BIA) in terms of		
charge for operational risk	BRPD Circular	No. 18 dated 21	December 2014 under	
	Guidelines on Ris	Guidelines on Risk Based Capital Adequacy (Revised Regulatory		
	Capital Framewo	Capital Framework for banks in line with Basel III). The BIA		
	stipulates the ca	apital charge for op	erational risk is a fixed	
		, , ,	average positive annual	
	_	·	three years. It also states	
	that if the annual gross income for any year is negative or zero,			
	that should be excluded from both the numerator and			
	denominator when calculating the average gross income. The			
	capital charge for operational risk is enumerated by applying			
	the following formula:			
	$K = [(GI 1 + GI 2 + GI 3) \alpha]/n$			
Quantitative Disclosures:				
b) The capital requirements for operational risk				
(Amount in Million)				
Particulars		RWA	Capital Requirement	
Minimum Capital Requirement: Operation Risk		3740.14	374.01	

## i) Liquidity Ratio:

Qualitative Disclosures:		
i) Views of BoD on system to reduce liquidity Risk	NRB Bank has proficient Board of Directors that has always been giving utmost importance to minimizing the liquidity risk of the bank. In order to reduce liquidity risk strict maintenance of Cash Reserve Ratio (CRR) and Statutory Liquidity Reserve (SLR) is also being emphasized on a regular basis. As per Basel-II requirement, Liquidity Coverage Ratio (LCR) and Net Stable Funding Ratio (NSFR) are also maintained under the guidance of our honorable Board of Directors.	
	The Board of Directors of the Bank sets policy, different liquidity ratio limits, and risk appetite for liquidity risk management as per regulatory guidelines. The Asset Liability Management (ALM) Policy, the most important policy for Liquidity Risk Management is reviewed periodically to incorporate changes as required by regulatory stipulation or to realign with changes in the economic landscape. The ALCO of the Bank formulates and reviews strategies and provides guidance for management of liquidity risk within the framework laid out in the ALM Policy.	
ii) Methods used to measure Liquidity risk	Liquidity measurement involves assessing all of a bank's cash inflows against its outflows to identify the potential for any net shortfalls including funding requirements for off balance sheet commitments.	
	An important aspect of measuring liquidity is making assumptions about future funding needs, both in the very short-	



	term and for longer time periods. Ar the critical role a bank's reputation p funds readily and at reasonable terms indicators monitored on a regular liquidity position are as follows:	lays in its ability to access s. Several key liquidity risk	
	Regulatory Liquidity Indicators (RLIs): Cash Reserve Requirement (CRR) Statutory Liquidity Ratio (SLR) Medium Term Funding Ratio (MTFR) Maximum Cumulative Outflow (MCO) Advance Deposit Ratio (AD Ratio) Liquidity Coverage Ratio (LCR) Net Stable Funding Raito (NSFR)		
	Bank's own liquidity monitoring Wholesale Borrowing and Funding Liquidity Contingency Plan Management Action Triggers (MA Liquid Asset to Total Deposit Ratio	g Guidelines NT)	
iii) Liquidity Risk Management System	Liquid Asset to Short Term Liabilities, etc.  Computation of Capital Charge against Liquidity Risk: If annual average of any RLIs of any bank falls below Bangladesh Bank's requirement the bank will be required to maintain additional capital for that RLI (or those RLIs) in SRP.  The Asset Liability Management Committee (ALCO) of the Bank		
m, Equator, max management system	monitors & manages liquidity and interest rate risk in line with the business strategy. ALM activity including liquidity analysis & management is conducted through coordination between various ALCO support groups residing in the functional areas of balance sheet management, Treasury Front Office, Treasury Mid-Office, Finance & Accounts etc.		
iv) Policies and Processes for mitigating Liquidity risk	An effective liquidity risk management process include systems to identify measure, monitor and control its liquidity exposures.		
	Bank's Asset Liability Management Co the liquidity risk on a regular base recommendation from ALM desk, ALC to manage the liquidity risk. Also Ban framework which outlines clear and principles for liquidity risk manageme	sis. Based on the detail CO take appropriate action ak has internal risk control d consistent policies and	
Quantitative Disclosures:		Amount in Million	
	Liquidity Coverage Ratio	120.57%	
	Net Stable Funding Ratio (NSFR)	109.08%	
	Total net cash outflows over the next 30 calendar days	9186.78 7,619.17	
	Available amount of stable funding	42,722.26	

## j) Leverage Ratio:

anks are highly leveraged organizations which facilitate leverage for others. Leverage, in simple terms, it is the extent to which a bank funds its assets with borrowings rather than capital. More debt relative to capital means a higher level of leverage.  Banks have a range of financial incentives to operate with high leverage. But it creates risk when it crosses a certain point. Therefore, the Board views that sound prudential controls are needed to ensure that the organization maintains a balance between its debt and equity. The Board also believes that the bank should maintain its leverage ratio on and above the regulatory requirements which will eventually increase the public confidence on the organization.  The Leverage Ratio is intended to achieve the following objectives: a) Constrain the build-up of leverage in the banking sector which could damage the broader financial system and the economy b) Reinforce the risk based requirements with any easy-to-understand and non-risk based measure.  At the end December 2018, the minimum requirement for leverage ratio was 3% on both solo and consolidated bases. But a larger leverage ratio can decrease the profitability of banks because it means banks can do less profitable lending. However, increasing the leverage ratio means that banks have more capital reserves and can more easily survive a financial crisis.  In view of the impact of leverage into the business, our Bank Management takes decision about future investment. Considering the financial strength, the bank also prepares capital planning and business budget to go on a right way.  The leverage ratio is a volume-based measure and is calculated as Basel III Tier I capital divided by total on and off-balance sheet exposures.  A minimum Tier 1 leverage ratio of 3% is being prescribed both at solo and consolidated level.	Qualitative Disclosures:			
to which a bank funds its assets with borrowings rather than capital. More debt relative to capital means a higher level of leverage.  Banks have a range of financial incentives to operate with high leverage. But it creates risk when it crosses a certain point. Therefore, the Board views that sound prudential controls are needed to ensure that the organization maintains a balance between its debt and equity. The Board also believes that the bank should maintain its leverage ratio on and above the regulatory requirements which will eventually increase the public confidence on the organization.  ii) Policies and processes for managing excessive on and off-balance sheet leverage  iii) Policies and processes for managing excessive on and off-balance sheet leverage (a) Constrain the build-up of leverage in the banking sector which could damage the broader financial system and the economy b) Reinforce the risk based requirements with any easy-to-understand and non-risk based measure.  At the end December 2018, the minimum requirement for leverage ratio was 3% on both solo and consolidated bases. But a larger leverage ratio can decrease the profitability of banks because it means banks can do less profitable lending. However, increasing the leverage ratio means that banks have more capital reserves and can more easily survive a financial crisis.  In view of the impact of leverage into the business, our Bank Management takes decision about future investment. Considering the financial strength, the bank also prepares capital planning and business budget to go on a right way.  The leverage ratio is a volume-based measure and is calculated as Basel III Tier I capital divided by total on and off-balance sheet exposures.  A minimum Tier 1 leverage ratio of 3% is being prescribed both at solo and consolidated level.	i) Views of BoD on system to	Banks are highly leveraged organizations which facilitate		
leverage. But it creates risk when it crosses a certain point. Therefore, the Board views that sound prudential controls are needed to ensure that the organization maintains a balance between its debt and equity. The Board also believes that the bank should maintain its leverage ratio on and above the regulatory requirements which will eventually increase the public confidence on the organization.  The Leverage Ratio is intended to achieve the following objectives: a) Constrain the build-up of leverage in the banking sector which could damage the broader financial system and the economy b) Reinforce the risk based requirements with any easy-to-understand and non-risk based measure.  At the end December 2018, the minimum requirement for leverage ratio was 3% on both solo and consolidated bases. But a larger leverage ratio can decrease the profitability of banks because it means banks can do less profitable lending. However, increasing the leverage ratio means that banks have more capital reserves and can more easily survive a financial crisis.  In view of the impact of leverage into the business, our Bank Management takes decision about future investment. Considering the financial strength, the bank also prepares capital planning and business budget to go on a right way.  The leverage ratio is a volume-based measure and is calculated as Basel III Tier I capital divided by total on and off-balance sheet exposures.  A minimum Tier 1 leverage ratio of 3% is being prescribed both at solo and consolidated level.	reduce excessive leverage	leverage for others. Leverage, in simple terms, it is the extent to which a bank funds its assets with borrowings rather than capital. More debt relative to capital means a higher level of		
excessive on and off-balance sheet leverage  objectives: a) Constrain the build-up of leverage in the banking sector which could damage the broader financial system and the economy b) Reinforce the risk based requirements with any easy-to-understand and non-risk based measure.  At the end December 2018, the minimum requirement for leverage ratio was 3% on both solo and consolidated bases. But a larger leverage ratio can decrease the profitability of banks because it means banks can do less profitable lending. However, increasing the leverage ratio means that banks have more capital reserves and can more easily survive a financial crisis.  In view of the impact of leverage into the business, our Bank Management takes decision about future investment. Considering the financial strength, the bank also prepares capital planning and business budget to go on a right way.  The leverage ratio is a volume-based measure and is calculated as Basel III Tier I capital divided by total on and off-balance sheet exposures.  A minimum Tier 1 leverage ratio of 3% is being prescribed both at solo and consolidated level.		leverage. But it creates risk when Therefore, the Board views that so needed to ensure that the organ between its debt and equity. The bank should maintain its leverag regulatory requirements which w	n it crosses a certain point. bund prudential controls are ization maintains a balance Board also believes that the ge ratio on and above the will eventually increase the	
leverage ratio was 3% on both solo and consolidated bases. But a larger leverage ratio can decrease the profitability of banks because it means banks can do less profitable lending. However, increasing the leverage ratio means that banks have more capital reserves and can more easily survive a financial crisis.  In view of the impact of leverage into the business, our Bank Management takes decision about future investment. Considering the financial strength, the bank also prepares capital planning and business budget to go on a right way.  The leverage ratio is a volume-based measure and is calculated as Basel III Tier I capital divided by total on and off-balance sheet exposures.  A minimum Tier 1 leverage ratio of 3% is being prescribed both at solo and consolidated level.	excessive on and off-balance sheet	The Leverage Ratio is intended to achieve the following objectives: a) Constrain the build-up of leverage in the banking sector which could damage the broader financial system and the economy b) Reinforce the risk based requirements with any easy-to-understand and non-risk based measure.  At the end December 2018, the minimum requirement for leverage ratio was 3% on both solo and consolidated bases. But a larger leverage ratio can decrease the profitability of banks because it means banks can do less profitable lending. However, increasing the leverage ratio means that banks have more capital reserves and can more easily survive a financial		
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as Basel III Tier I capital divided by total on and off-balance sheet exposures.  A minimum Tier 1 leverage ratio of 3% is being prescribed both at solo and consolidated level.		Management takes decision about future investment. Considering the financial strength, the bank also prepares		
at solo and consolidated level.	iii) Approach for calculating exposure	as Basel III Tier I capital divided by total on and off-balance		
Tier 1 Capital (after related deductions)		at solo and consolidated level.  Tier 1 Capital (after related deductions)  Leverage Ratio =		
Quantitative Disclosures:  Amount in Million	Quantitative Disclosures:	. 568. 2.255816 (	1	
		Leverage Ratio	9.23%	



On balance sheet exposure	5,4542.95
Off balance sheet exposure	5062.68
Regulatory Adjustments	(328.22)
Total exposure	59277.40

#### k) Remuneration:

NRB Bank is committed to ensure that its remuneration practices enable the Bank to attract, develop and retain high caliber individuals to deliver the Bank's objectives and drive business growth in a competitive environment. The performance based components of remuneration are designed to encourage behavior that supports the Bank's long-term financial soundness and the risk management frameworks of the Bank.

The qualitative remuneration disclosures are broader in scope and cover all the individuals included whereas the quantitative information relates to senior management and material risk takers of the NRB Bank Limited, for the financial year ended December 31, 2020.

<b>Qualitative Disclosures</b>	(a)	Information relating to the bodies that oversee remuneration:	
		At the management level, primarily the Human Resources Management Division oversees the 'remuneration' in line with its Human Resources Management strategy/policy under direct supervision and guidance of the Top Management of the Bank.	
		The primary functions of the Remuneration Committee are to determine, review and propose principles and governance framework for all decisions relating to remunerations of the employees of NRB Bank. While the Human Resources Division is responsible for preparing and recommending reward plans and compensation, the committee's duties are to assess and review these recommendations and submit them to the Board of Directors for approval.	
		They also oversee performance oriented incentives, perquisites, other financial options etc. to attract, motivate and retain employees and review compensation packages/pay structure in comparison to that of other Banks to enjoy competitive advantages in this industry.	
	(b)	Information relating to the design and structure of remuneration process:	
		The key features and objectives of remuneration policy:	
		<ul> <li>Appropriately compensate Employees for the services they provide to the Bank;</li> </ul>	
		<ul> <li>Attract and retain Employees with skills required to effectively manage the operations and growth of the business;</li> </ul>	
		<ul> <li>Be consistent and appropriate having regard to the performance of the Bank and the relevant Employees;</li> </ul>	

- Motivate Employees to perform in the best interests of the Bank and its shareholders;
- Motivate Employees to pursue long term growth and success of the Bank within the Board approved control framework;
- Manage the risks associated with remuneration in a manner that supports the Bank's risk management frameworks by applying an appropriate balance between fixed and variable remuneration, reflecting short and long term performance objectives to the Bank's circumstances and goals;
- Apply key short term and long term key performance indicators, including financial and nonfinancial measures of performance, to eligible employees;
- Demonstrate a clear relationship between individual performance and rewards;
- Comply with all regulatory and legal requirements; and
- Provide an appropriate level of transparency.

The structure of remuneration arrangements for all employees consists of following components:

- Fixed Remuneration; and
- Performance-based remuneration

**Fixed remuneration:** This includes base salary and fixed benefits. Base salaries are determined to attract and retain employees with skills required to effectively manage the operations and growth of the business to reflect best market practice for the specific circumstances of the Bank. Fixed remuneration is benchmarked against the financial services industry through the use of external remuneration market surveys, conducted by professional, independent benchmarking organizations.

**Performance-based remuneration:** Employee remuneration packages may include a 'variable' component with short term and long term incentive plans like increment and performance

In addition, employees with compliance and supervisory responsibilities are also provided additional benefits besides their regular pay.

# (c) Description of the ways in which current and future risks are taken into account in the remuneration processes.

The Bank's remuneration practices are carefully managed taking into account the following key risks when implementing remuneration measures:

- Financial Risks
- Compliance Risks

Risk and compliance requirements represent a gateway to whether an incentive bonus payment is made and the size of the payment. Despite, if the individual does not meet or only partially meets requirements, no award or a reduced award may be made.



#### (d) Description of the ways in which the bank seeks to link performance :

#### Overview of main performance metrics for the Bank, top level business lines and individuals-

The main performance metrics include profits, loan growth, deposit growth, risk metrics (such as quality of assets), compliance with regulatory norms, refinement of risk management processes and customer service. The specific metrics and weightages for various metrics vary with the role and level of the individual.

#### Discussion of how amounts of individual remuneration are linked to the Bank-wide and individual performance-

The Annual Performance Appraisal (APA) takes into consideration all the above aspects while assessing individual performance and making compensation-related recommendations to the Remuneration Committee regarding the level of increment and performance bonus for employees. The performance assessment of individual employees is undertaken based on achievements vis-à-vis their Key Performance Indicators (KPIs) set beforehand, which incorporate the various aspects/metrics.

# (e) Description of the ways in which the bank seeks to adjust remuneration to take account of longer-term performance.

The Bank's remuneration system is designed to reward long-term as well as short-term performance, encourage retention and recognize special performance in the organization. The Bank provides reasonable remuneration for short-term performance besides for long-term performance the bank has some deferred payment options (i.e. performance bonus, provident fund, gratuity etc.)

In case of following situation remuneration can be adjusted before vesting:

- Disciplinary Action (at the discretion of Enguiry committee)
- Resignation of the employee prior to the payment date.

At the same time previously paid or already vested variable pay can also be recovered under the case of disciplinary action (at the discretion of the Disciplinary Committee and approval of Management)

# (f) Description of the different forms of variable remuneration that the bank utilities and the rationale for using these different forms.

The main forms of such variable remuneration include:

- Monthly Cash benefits
- Incentive plan for the employees to be paid annually

The form of variable remuneration depends on the job level of individual, risk involved, the time horizon for review of quality of the assignments performed.



Quantitative Disclosures	(g)	Number of Meeting held by the financial year and remuneration parameters of the Committee Members meetings.	aid to its member. Ineration was held on	need basis. No fees	
	(h)	Number of employees having received a variable remuneration award during the financial year.  Nil			
		Number and total amount of guaranteed bonuses awarded during the financial year:  2 numbers of guaranteed festival bonuses amounted BDT 7.77 Million for Senior Management.			
		Number and total amount of sign-on award made during the financial year.			
		Nil			
		Number and total amount of severance payments made during the financial year.			
		Nil			
	(i)	Total amount of outstanding deferred remuneration, split into cash, shares and share-lined instruments and other forms.  Nil  Total amount of deferred remuneration paid out in the financial year:  Nil			
	(j)	Breakdown of amount of remune show.  Fixed and Variable:  Breakdown of Remuneration (Fixed			
		Details	SVP & Above	Other	
		No of Employees	19	604	
			(Amount in Million)		
		Basic Salary	332.81		
		Allowances		302.28	
		Festival Bonus		48.41	
		Gratuity		12.69	
		Provident Fund Contribution		28.11	
	(k)	Quantitative Information about fluctuations in the value of sha adjustments (e.g. claw backs	res or performance	units) and explicit	

remuneration:

revaluation of awards) of deferred remuneration and retained

Total amount of outstanding deferred remuneration and retained remuneration exposed to ex post explicit and/or implicit adjustments.



Nil
Total amount of reductions during the financial year due to ex post explicit adjustments.  Nil
Total amount of reduction during the financial year due to ex post implicit adjustments.  Nil