# Better growth and asset quality performance



BFSI - Banks > Result Update > October 27, 2024

Bank of Baroda (BoB) reported strong PAT beat at Rs52bn/RoA of 1.3%, mainly due to higher other income (led by treasury gains and recovery in TWO accounts), and partly offset by higher provisions (including contingent provisions). After realigning the book in Q1, BoB reported healthy broad-based credit growth at 12% YoY/7% QoQ. However, NIM shrunk by 8bps QoQ to 3.1% due to lower yields. Headline GNPAs declined by 38bps QoQ to 2.5% in absence of lumpy NPAs, similar to a few peers. Management indicated that  $1/3^{\rm rd}$  of aviation exposure against guarantee has been recovered and the rest is under legal process. The management has revised its guidance for FY25 with credit growth of  $\sim 11-13\%$  and deposit growth of 9-11%, while NIMs likely to remain range-bound at 3.15% +/-5bps. We largely retain our earnings estimates and expect the bank to deliver healthy RoA of 1.1-1.2%/RoE of 15-16%. We retain BUY on BoB with an unchanged TP of Rs325 rolling forward on 1.1x SA Sep-26E ABV and subs value at Rs15/sh.

Bank of Baroda: Financial Snapshot (Standalone)										
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E					
Net profit	141,084	177,888	192,161	206,367	221,492					
Loan growth (%)	21.1	13.3	11.1	12.4	13.1					
NII growth (%)	26.8	8.1	5.6	10.9	10.2					
NIM (%)	3.2	3.1	2.9	2.9	2.9					
PPOP growth (%)	20.0	15.3	4.3	12.8	10.2					
Adj. EPS (Rs)	27.2	34.4	37.1	39.9	42.8					
Adj. EPS growth (%)	94.0	26.1	8.0	7.4	7.3					
Adj. BV (Rs)	177.6	206.3	242.9	267.8	299.4					
Adj. BVPS growth (%)	21.1	16.2	17.7	10.3	11.8					
RoA (%)	1.0	1.2	1.2	1.1	1.1					
RoE (%)	15.3	16.9	15.8	15.0	14.5					
P/E (x)	8.2	6.5	6.1	5.6	5.3					
P/ABV (x)	1.3	1.1	0.9	0.8	0.8					

Source: Company, Emkay Research

### Growth revives, but margin contracts due to reversal of penal interest

BoB reported strong broad-based credit growth of 12% YoY/7% QoQ (after realigning the book in Q1), mainly due to healthy overseas/domestic corporate as well as retail book. Within retail, the growth remain healthy in the range of 13-25% YoY. Further, the low-base GL book continues to see traction ( $\sim$ 4% of the overall retail book), but PL loan growth moderated as the bank tightened non-salaried PL and also stopped its digital PL (Rs110-120bn). Deposit growth too was healthy at 9% YoY/4% QoQ, but focus remains on retail CASA and TD. NIM compressed by 8bps QoQ to 3.1% (albeit remains in the guidance of 3.15% +/-5bps), mainly due to impact of reversal of penal interest (5bps ie Rs1.7-1.8bn), increase in CoD, and higher growth in corporates. Management has lowered its guidance of credit growth to  $\sim$ 11-13% and deposit growth to 9-11%.

### Slippages were lower; higher SMA book owing to technical delay in PSUs

Fresh slippages remained range-bound at Rs31bn/1.3% of loans, mainly due to lower slippages across the segment (except agri book) leading to steady improvement in GNPA ratio to 2.5%. However, SMA book increased to Rs 53bn/0.5% on account of technical delay in payment by state PSUs amounting to Rs33-34bn. The bank has recovered  $1/3^{\rm rd}$  of the guaranteed aviation exposure (ie Rs11bn) and recovery of the remaining  $2/3^{\rm rd}$  exposure (collateralized) is under legal process. The bank reiterates its slippages guidance in the range of 1-1.25% and credit cost guidance of <0.75% in FY25E.

### We retain BUY on BoB with unchanged TP of Rs325

We largely retain our earnings estimates and expect the bank to deliver healthy RoA of 1.1-1.2%/RoE of 15-16%. We retain BUY on BoB with an unchanged TP of Rs325 rolling forward on 1.1x SA Sep-26E ABV and subs value at Rs15/sh. **Key risks**: Macro slowdown leading to slower credit growth, margin contraction, and asset-quality disruption.

### **TARGET PRICE (Rs): 325**

Target Price - 12M	Sep-25
Change in TP (%)	-
Current Reco.	BUY
Previous Reco.	BUY
Upside/(Downside) (%)	35.7
CMP (25-Oct-24) (Rs)	239.5

Stock Data	Ticker
52-week High (Rs)	300
52-week Low (Rs)	188
Shares outstanding (mn)	5,171.4
Market-cap (Rs bn)	1,239
Market-cap (USD mn)	14,732
Net-debt, FY25E (Rs mn)	NA
ADTV-3M (mn shares)	16
ADTV-3M (Rs mn)	3,835.0
ADTV-3M (USD mn)	45.6
Free float (%)	36.0
Nifty-50	24,181
INR/USD	84.1
Shareholding, Sep-24	
Promoters (%)	64.0
FPIs/MFs (%)	9.9/16.6

Price Performance									
(%)	1M	3M	12M						
Absolute	(1.5)	(2.4)	23.0						
Rel. to Nifty	5.9	(1.5)	(2.8)						



### Anand Dama

anand.dama@emkayglobal.com +91 22 6624 2480

### Nikhil Vaishnav

nikhil.vaishnav@emkayglobal.com +91 22 6624 2485

### Kunaal N

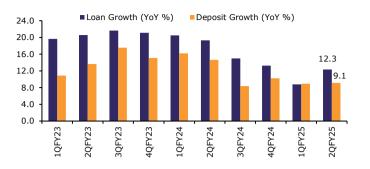
kunaal.n@emkayglobal.com +91 22 6612 1275

### Marazbaan Dastur

marazbaan.dastur@emkayglobal.com +91 22 6612 1281

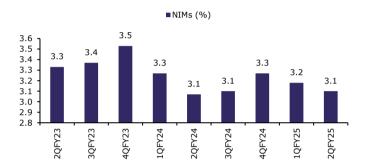
# **Story in Charts**

Exhibit 1: Credit growth improved by healthy traction in domestic/overseas corporate



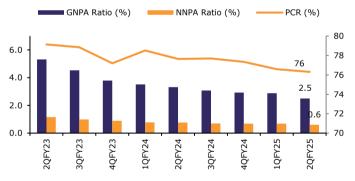
Source: Company, Emkay Research

Exhibit 3: NIM contracts due to reversal of penal interest and lower corporate yields



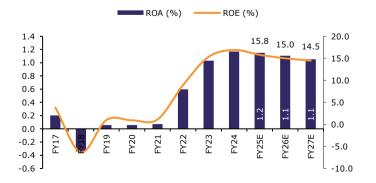
Source: Company, Emkay Research

Exhibit 5: Lower slippages, higher w-offs led to fall in GNPA ratio



Source: Company, Emkay Research

Exhibit 7: We expect return ratios to remain healthy, led by healthy margins, other income, and contained LLP



Source: Company, Emkay Research

Exhibit 2: BoB remains focused on increasing share of retail portfolio, but has consciously stepped back on unsecured loans

% share in Gross Domestic Credit



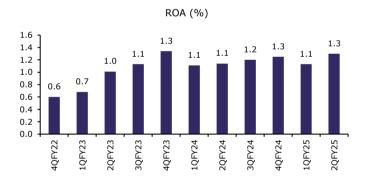
Source: Company, Emkay Research

Exhibit 4: Slippages were contained in absence of any lumpy PSU account like MTNL for peers...



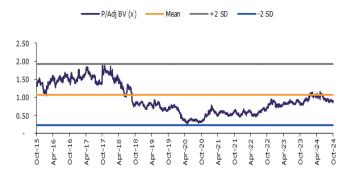
Source: Company, Emkay Research

Exhibit 6: RoA remains >1% over the last nine consecutive quarters



Source: Company, Emkay Research

Exhibit 8: The stock currently trades at 0.9x its 1YF ABV



Source: Bloomberg, Emkay Research

### **Exhibit 9: Actuals vs Estimates (Q2FY25)**

(Rs mn)	Actuals	Estimates		Variation		Comments		
(KS IIII)	Actuals	Emkay	Consensus	Emkay	Consensus			
Net income	168,035	152,935	141,484	10%	19%	Sharp rise in other income led to a beat		
PPOP	94,770	79,735	76,903	19%	23%	Higher net income as well as lower opex cost drives PPoP beat		
PAT	52,379	46,609	45,099	12%	16%	PPoP beat partly offset by higher provisions, led to PAT beat		

Source: Company, Emkay Research

**Exhibit 10: Quarterly Summary** 

(Rs mn)	2QFY24	3QFY24	4QFY24	1QFY25	2QFY25	YoY (%)	QoQ (%)	FY24A	FY25E	YoY (%)
Interest Earned	278,616	286,051	295,834	296,287	302,633	9	2	1,126,059	1,235,581	10
Interest Expenses	170,309	175,038	177,906	180,286	186,412	9	3	678,844	763,272	12
Net Interest Income	108,307	111,013	117,928	116,001	116,221	7	0	447,215	472,309	6
Global NIM (reported)	3.07	3.10	3.27	3.18	3.10	3bps	-8bps	3.07	2.94	-13bps
Non-interest Income	41,712	28,101	41,915	24,873	51,814	24	108	144,954	149,210	3
Operating Expenses	69,821	68,967	78,782	69,261	73,265	5	6	282,517	298,621	6
Pre Provisioning Profit	80,197	70,147	81,061	71,613	94,770	18	32	309,652	322,898	4
Provision and Contingencies	21,606	6,663	13,019	10,107	23,357	8	131	60,756	56,009	-8
PBT	58,592	63,483	68,042	61,506	71,413	22	16	248,896	266,890	7
Income Tax Expense (Gain)	16,063	17,694	19,177	16,924	19,034	18	12	71,008	74,729	5
Net Profit/(Loss)	42,529	45,789	48,865	44,582	52,379	23	17	177,888	192,161	8
Gross NPA (%)	3.32	3.08	2.92	2.88	2.50	-82bps	-38bps	2.92	2.33	-59bps
Net NPA (%)	0.76	0.70	0.68	0.69	0.60	-16bps	-9bps	0.68	0.59	-8bps
Deposits (Rs bn)	12,496	12,453	13,270	13,070	13,635	9	4	13,270	14,666	11
Net Advances (Rs bn)	9,980	10,241	10,658	10,479	11,212	12	7	10,658	11,839	11

Source: Company, Emkay Research

Exhibit 11: Revision in estimates

Y/E Mar (Rs mn)		FY25E			FY26E			FY27E	
	Earlier	Revised	Change	Earlier	Revised	Change	Earlier	Revised	Change
Net income	626,216	621,519	-0.8%	688,867	687,135	-0.3%	768,300	750,714	-2.3%
PPOP	326,709	322,898	-1.2%	364,852	364,076	-0.2%	417,736	401,182	-4.0%
PAT	195,836	192,161	-1.9%	210,397	206,367	-1.9%	229,279	221,492	-3.4%
EPS (Rs)	37.8	37.1	-1.9%	40.6	39.9	-1.9%	44.3	42.8	-3.4%
BV (Rs)	253.7	253.0	-0.3%	279.6	278.1	-0.5%	315.1	312.1	-0.9%

Source: Company, Emkay Research

**Exhibit 12: Key Assumptions** 

	FY24A	FY25E	FY26E	FY27E
Loan Growth (%)	13.3	11.1	12.4	13.1
Deposit Growth (%)	10.2	10.5	13.2	14.1
NIM (%)	3.1	2.9	2.9	2.9
GNPA (%)	2.9	2.3	2.0	1.9
Credit Cost (%)	0.6	0.4	0.6	0.7

Source: Emkay Research

**Exhibit 13: Key ratios and trends** 

	2QFY23	3QFY23	4QFY23	1QFY24	2QFY24	3QFY24	4QFY24	1QFY25	2QFY25
Loans (Rs bn)	8,733	9,237	9,694	9,908	10,245	10,494	10,904	10,716	11,430
- Growth — YoY (%)	19.0	19.7	18.5	18.0	17.3	13.6	12.5	8.2	11.6
- Growth — QoQ (%)	4.0	5.8	4.9	2.2	3.4	2.4	3.9	-1.7	6.7
Liability Profile									
Deposit (Rs bn)	10,902	11,495	12,037	11,999	12,496	12,453	13,270	13,070	13,635
- Growth YoY (%)	13.6	17.5	15.1	16.2	14.6	8.3	10.2	8.9	9.1
- Growth QoQ (%)	5.6	5.4	4.7	-0.3	4.1	-0.3	6.6	-1.5	4.3
CASA (%)	39.8	38.6	39.2	37.2	39.8	40.7	41.3	41.0	41.0
Capital Adequacy									
CAR (%)	15.3	14.9	16.2	15.8	15.3	14.7	16.1	16.8	16.3
Tier I (%)	12.8	12.6	14.0	13.6	13.2	12.7	14.5	14.7	14.2
Asset Quality									
GNPA (%)	5.3	4.5	3.8	3.5	3.3	3.1	2.9	2.9	2.5
NNPA (%)	1.2	1.0	0.9	0.8	0.8	0.7	0.7	0.7	0.6
PCR (%)	79.1	78.9	77.2	78.5	77.6	77.7	77.3	76.6	76.3
Slippages (%)	2.6	1.6	1.4	1.4	2.3	1.2	1.4	1.3	1.2
NIM - Global (%)	3.3	3.4	3.5	3.3	3.1	3.1	3.3	3.2	3.1
NIM – Domestic (%)	3.4	3.5	3.7	3.3	3.2	3.2	3.5	3.3	3.3
Cost/Income (%)	49.7	42.7	46.1	45.4	46.5	49.6	49.3	49.2	43.6
ROE Decomposition (%)									
NII	3.5	3.5	3.6	3.3	3.2	3.2	3.3	3.2	3.2
Other Income (Ex. Treasury)	0.6	1.1	1.0	0.9	1.1	0.7	1.0	0.6	1.3
Treasury	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.0	0.1
Opex	2.0	2.0	2.2	2.0	2.1	2.0	2.2	1.9	2.0
PPOP	2.1	2.7	2.5	2.4	2.4	2.0	2.3	2.0	2.6
Provisioning Cost	0.6	0.8	0.4	0.6	0.6	0.2	0.4	0.3	0.6
PBT	1.5	1.9	2.1	1.8	1.7	1.8	1.9	1.7	1.9
Tax	0.4	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5
ROA	1.0	1.1	1.3	1.1	1.1	1.2	1.3	1.1	1.3
Leverage (x)	14.5	14.5	14.7	14.6	14.3	14.1	14.0	13.6	13.1
ROE	14.7	16.4	19.6	16.2	16.3	16.8	17.5	15.3	17.0

Source: Company, Emkay Research

## **Bank of Baroda: Standalone Financials and Valuations**

Profit & Loss					
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
Interest Income	895,885	1,126,059	1,235,581	1,344,503	1,466,861
Interest Expense	482,325	678,844	763,272	820,680	889,479
Net interest income	413,560	447,215	472,309	523,824	577,381
NII growth (%)	26.8	8.1	5.6	10.9	10.2
Other income	100,258	144,954	149,210	163,311	173,333
Total Income	513,819	592,169	621,519	687,135	750,714
Operating expenses	245,195	282,517	298,621	323,059	349,532
PPOP	268,624	309,652	322,898	364,076	401,182
PPOP growth (%)	20.0	15.3	4.3	12.8	10.2
Core PPOP	267,884	289,751	303,503	337,893	369,762
Provisions & contingencies	71,369	60,756	56,009	77,455	105,069
PBT	197,255	248,896	266,890	286,621	296,112
Extraordinary items	0	0	0	0	(
Tax expense	56,170	71,008	74,729	80,254	74,620
Minority interest	0	0	0	0	(
Income from JV/Associates	0	0	0	0	(
Reported PAT	141,084	177,888	192,161	206,367	221,492
PAT growth (%)	94.0	26.1	8.0	7.4	7.3
Adjusted PAT	141,084	177,888	192,161	206,367	221,492
Diluted EPS (Rs)	27.2	34.4	37.1	39.9	42.8
Diluted EPS growth (%)	94.0	26.1	8.0	7.4	7.3
DPS (Rs)	5.5	6.7	7.6	8.0	8.8
Dividend payout (%)	20.2	22.0	23.1	22.6	23.2
Effective tax rate (%)	28.5	28.5	28.0	28.0	25.2
Net interest margins (%)	3.2	3.1	2.9	2.9	2.9
Cost-income ratio (%)	47.7	47.7	48.0	47.0	46.6
Shares outstanding (mn)	5,177.7	5,177.7	5,177.7	5,177.7	5,177.7

Source: Company, Emkay Research	7
---------------------------------	---

Asset quality and other metrics									
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E				
Asset quality									
Gross NPLs	367,636.6	318,336.1	280,381.9	264,188.2	293,924.0				
Net NPLs	83,843.2	72,133.4	70,095.5	71,330.8	88,177.2				
GNPA ratio (%)	3.8	2.9	2.3	2.0	1.9				
NNPA ratio (%)	0.9	0.7	0.6	0.5	0.6				
Provision coverage (%)	77.2	77.3	75.0	73.0	70.0				
Gross slippages	111,503.9	103,965.3	126,513.9	161,937.8	198,238.8				
Gross slippage ratio (%)	1.2	1.0	1.1	1.2	1.3				
LLP ratio (%)	1.5	0.5	0.6	0.4	0.6				
NNPA to networth (%)	7.9	6.1	5.1	4.7	5.2				
Capital adequacy									
Total CAR (%)	16.2	16.8	16.5	15.8	15.7				
Tier-1 (%)	14.0	14.5	15.2	14.5	14.4				
CET-1 (%)	11.7	12.9	13.7	13.3	13.3				
RWA-to-Total Assets (%)	47.8	48.6	49.0	50.0	50.0				
Miscellaneous									
Total income growth (%)	22.4	27.6	9.0	8.9	8.8				
Opex growth (%)	12.9	15.2	5.7	8.2	8.2				
Core PPOP growth (%)	29.9	8.2	4.7	11.3	9.4				
PPOP margin (%)	27.0	24.4	23.3	24.1	24.5				
PAT/PPOP (%)	52.5	57.4	59.5	56.7	55.2				
LLP-to-Core PPOP (%)	26.6	21.0	18.5	22.9	28.4				
Yield on advances (%)	7.6	8.5	8.5	8.3	8.0				
Cost of funds (%)	3.9	5.0	5.1	4.9	4.7				

Source:	Company,	Emkay	Research

Balance Sheet					
Y/E Mar (Rs mn)	FY23	FY24	FY25E	FY26E	FY27E
Share capital	10,355	10,355	10,355	10,355	10,355
Reserves & surplus	971,874	1,112,132	1,299,691	1,429,637	1,605,566
Net worth	982,229	1,122,487	1,310,046	1,439,992	1,615,921
Deposits	12,036,878	13,269,578	14,666,184	16,601,061	18,934,517
Borrowings	1,019,105	944,023	941,538	988,615	1,038,045
Interest bearing liab.	13,603,387	14,735,484	16,226,359	18,314,714	20,693,519
Other liabilities & prov.	547,404	521,883	618,637	725,038	720,956
Total liabilities & equity	14,585,615	15,857,971	17,536,405	19,754,706	22,309,439
Net advances	9,409,983	10,657,817	11,838,656	13,301,958	15,043,394
Investments	3,624,854	3,698,168	4,030,369	4,512,677	5,061,281
Cash, other balances	957,032	951,241	1,092,136	1,231,668	1,438,025
Interest earning assets	13,991,869	15,307,227	16,961,160	19,046,303	21,542,700
Fixed assets	87,066	79,126	116,079	128,949	143,252
Other assets	506,681	471,618	459,166	579,454	623,488
Total assets	14,585,615	15,857,971	17,536,405	19,754,706	22,309,439
BVPS (Rs)	189.7	216.7	253.0	278.1	312.1
Adj. BVPS (INR)	177.6	206.3	242.9	267.8	299.4
Gross advances	9,693,776	10,904,020	12,048,942	13,494,815	15,249,141
Credit to deposit (%)	78.2	80.3	80.7	80.1	79.4
CASA ratio (%)	39.5	38.8	37.7	37.8	38.4
Cost of deposits (%)	3.7	4.7	4.9	4.8	4.6
Loans-to-Assets (%)	64.5	67.2	67.5	67.3	67.4
Net advances growth (%)	21.1	13.3	11.1	12.4	13.1
Deposit growth (%)	15.1	10.2	10.5	13.2	14.1
Book value growth (%)	14.3	14.3	16.7	9.9	12.2

Source: Company, Emkay Research

Valuations and key Ratios					
Y/E Mar	FY23	FY24	FY25E	FY26E	FY27E
P/E (x)	8.2	6.5	6.1	5.6	5.3
P/B (x)	1.4	1.2	1.0	0.9	0.8
P/ABV (x)	1.3	1.1	0.9	0.8	0.8
P/PPOP (x)	4.6	4.0	3.8	3.4	3.1
Dividend yield (%)	2.3	2.8	3.2	3.3	3.7
DuPont-RoE split (%)					
NII/avg assets	3.0	2.9	2.8	2.8	2.7
Other income	0.7	1.0	0.9	0.9	0.8
Fee income	0.5	0.5	0.5	0.6	0.6
Opex	1.8	1.9	1.8	1.7	1.7
PPOP	2.0	2.0	1.9	2.0	1.9
Core PPOP	2.0	1.9	1.8	1.8	1.8
Provisions	0.5	0.4	0.3	0.4	0.5
Tax expense	0.4	0.5	0.4	0.4	0.4
RoA (%)	1.0	1.2	1.2	1.1	1.1
Leverage ratio (x)	14.9	14.5	13.7	13.6	13.8
RoE (%)	15.3	16.9	15.8	15.0	14.5
Quarterly data					
Rs mn, Y/E Mar	Q2FY24	Q3FY24	Q4FY24	Q1FY25	Q2FY25
NII	108,307	111,013	117,928	116,001	116,221
NIM(%)	3.1	3.1	3.3	3.2	3.1
PPOP	80,197	70,147	81,061	71,613	94,770
PAT	42,529	45,789	48,865	44,582	52,379
EPS (Rs)	8.22	8.84	9.44	8.61	10.12

Source: Company, Emkay Research

### **RECOMMENDATION HISTORY - DETAILS**

Date	Closing Price (INR)	TP (INR)	Rating	Analyst
01-Aug-24	251	325	Buy	Anand Dama
12-May-24	255	325	Buy	Anand Dama
31-Jan-24	248	300	Buy	Anand Dama
30-Nov-23	197	250	Buy	Anand Dama
05-Nov-23	204	250	Buy	Anand Dama
05-Aug-23	191	260	Buy	Anand Dama
04-Jul-23	202	260	Buy	Anand Dama
17-May-23	186	230	Buy	Anand Dama
09-Mar-23	172	220	Buy	Anand Dama
03-Feb-23	164	220	Buy	Anand Dama
05-Nov-22	145	175	Buy	Anand Dama
01-Aug-22	116	140	Buy	Anand Dama
15-May-22	95	130	Buy	Anand Dama
08-Feb-22	118	145	Buy	Anand Dama
11-Nov-21	101	130	Buy	Anand Dama

Source: Company, Emkay Research

### **RECOMMENDATION HISTORY - TREND**



Source: Company, Bloomberg, Emkay Research

### GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of BSE Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX), Multi Commodity Exchange of India Ltd (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) (hereinafter referred to be as "Stock Exchange(s)"). EGFSL along with its [affiliates] offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com.

EGFSL is registered as Research Analyst with the Securities and Exchange Board of India ("SEBI") bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014, EGFSL hereby declares that it has not defaulted with any Stock Exchange nor its activities were suspended by any Stock Exchange with whom it is registered in last five years. However, SEBI and Stock Exchanges had conducted their routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to its existing clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the clients simultaneously, not all clients may receive this report at the same time. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient.

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. EGFSL may have issued or may issue other reports (on technical or fundamental analysis basis) of the same subject company that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Users of this report may visit www.emkayglobal.com to view all Research Reports of EGFSL. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of EGFSL; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL. All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its affiliates. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

This report has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research report relating to any issuer/subject company.

Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets.

Disclaimer for U.S. persons only: Research report is a product of Emkay Global Financial Services Ltd., under Marco Polo Securities 15a6 chaperone service, which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors. Emkay Global Financial Services Ltd. has entered into a chaperoning agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo"). Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

#### RESTRICTIONS ON DISTRIBUTION

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation. Except otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be distributed in Canada or used by private customers in United Kingdom.

### ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associated persons1 may have served as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate may have Financial Interests 2 in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

<sup>1</sup> An associated person is defined as (i) who reports directly or indirectly to such a research analyst in connection with the preparation of the reports; or (ii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

<sup>2</sup> Financial Interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

#### COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her associate/relative's may have Financial Interest/proprietary positions in the securities recommended in this report as of October 27, 2024
- EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Report 2. Disclosure of previous investment recommendation produced:
- EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report 3 during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's may have material conflict of interest in the securities 4. recommended in this report as of October 27, 2024
- EGFSL, its affiliates and Research Analyst or his/her associate/relative's may have actual/beneficial ownership of 1% or more securities of the 5. subject company at the end of the month immediately preceding the October 27, 2024
- EGFSL or its associates may have managed or co-managed public offering of securities for the subject company in the past twelve months.
- EGFSL, its affiliates and Research Analyst or his/her associate may have received compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- EGFSL, its affiliates and/or and Research Analyst or his/her associate may have received any compensation or other benefits from the subject company or third party in connection with this research report.

### **Emkay Rating Distribution**

	· <b>/</b> · · · <b>J</b> · · · · · · ·		
Ratings	Expected Return within the next 12-18 months.		
BUY	>15% upside		
ADD	5-15% upside		
REDUCE	5% upside to 15% downside		
SELL	<15% downside		

### **Emkay Global Financial Services Ltd.**

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com

#### OTHER DISCLAIMERS AND DISCLOSURES:

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) -:

EGFSL or its associates may have financial interest in the subject company.

Research Analyst or his/her associate/relative's may have financial interest in the subject company.

EGFSL or its associates and Research Analyst or his/her associate/ relative's may have material conflict of interest in the subject company. The research Analyst or research entity (EGFSL) have not been engaged in market making activity for the subject company.

EGFSL or its associates may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of public appearance or publication of Research Report.

Research Analyst or his/her associate/relatives may have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the date of public appearance or publication of Research Report.

Research Analyst may have served as an officer, director or employee of the subject company.

EGFSL or its affiliates may have received any compensation including for investment banking or merchant banking or brokerage services from the subject company in the past 12 months. . Emkay may have issued or may issue other reports that are inconsistent with and reach different conclusion from the information, recommendations or information presented in this report or are contrary to those contained in this report. Emkay Investors may visit www.emkayglobal.com to view all Research Reports. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the research published by any other analyst or by associate entities of Emkay; our proprietary trading, investment businesses or other associate entities may make investment decisions that are inconsistent with the recommendations expressed herein. EGFSL or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months. EGFSL or its associates may have received any compensation or other benefits from the Subject Company or third party in connection with the research report. EGFSL or its associates may have received compensation from the subject company in the past twelve months. Subject Company may have been client of EGFSL or its affiliates during twelve months preceding the date of distribution of the research report and EGFSL or its affiliates may have co-managed public offering of securities for the subject company in the past twelve months.