#### BUY

## **IDFC First Bank**

# Emkay

### Sticky opex, stable margins cause earnings miss

BFSI - Banks > Result Update > October 29, 2023

IDFCB continues to report strong growth (25% YoY) and stable margins at 6.3%, led by better asset pricing, but lower other income and sticky operational cost (C/I ratio at 72%) caused a 7% miss on earnings estimate, with PAT at Rs7.5bn/RoA of 1.2%. Bank has recently raised capital via QIP (150bps on RWA) and should thus help contain funding cost, which would stabilize margins. However, checking run-away cost is paramount for sustaining higher RoA delivery. Also, amid rising stress in unsecured loans, we believe Bank needs to closely monitor any sign of stress and build sufficient specific provision/contingent buffer to limit future impact on the P&L.

Factoring-in the relatively sticky operational cost and higher LLP amid rising stress in unsecured loans, we cut FY25/26E earnings by 7/16%, but expect the bank to deliver healthy RoA/RoE at  $\sim 1.3-1.4\%/11-14\%$  over FY24-26E (accounting for the recent capital raise) vs. 0.3-1.1%/3-10% over FY21-23. We retain BUY on the stock, with revised TP of Rs98/share (Rs96 earlier), rolling forward on 1.8x Sep-25E ABV (earlier, 1.7x Jun-25E ABV).

IDFC First Bank: Financial Snapshot (Standalone)										
Y/E Mar (Rs mn)	FY22	FY23	FY24E	FY25E	FY26E					
Net profit	1,455	24,371	33,500	43,724	54,051					
Loan growth (%)	17.2	28.8	24.9	25.2	24.8					
NII growth (%)	31.5	30.2	28.1	21.2	22.7					
NIM (%)	5.9	6.3	6.4	6.4	6.3					
PPOP growth (%)	31.4	50.2	31.6	35.4	34.5					
Adj. EPS (Rs)	0.2	3.7	4.7	6.2	7.7					
Adj. EPS growth (%)	(70.6)	1,473.3	28.9	30.5	23.6					
Adj. BV (INR)	31.6	37.4	45.6	51.3	58.0					
Adj. BVPS growth (%)	9.4	18.3	21.8	12.6	13.0					
RoA (%)	0.1	1.1	1.3	1.4	1.4					
RoE (%)	0.7	10.4	11.4	12.5	13.6					
P/E (x)	367.6	23.4	18.1	13.9	11.2					
P/ABV (x)	2.7	2.3	1.9	1.7	1.5					

Source: Company, Emkay Research

#### Strong growth/stable margin, but opex remains elevated

IDFCB continues to report robust credit growth, at 25% YoY/4% QoQ, on the back of sustained acceleration in Retail, Rural and BB. The corporate book too has been on the up-move after the extended deceleration, thus supporting growth. Within Retail, the bank intends to boost the share of mortgages and, hence, the secured loans, in order to de-risk the portfolio; this will also improve the leverage and thus the RoE. Deposit growth was also resilient, at 39% YoY/11% QoQ. Despite the run-up in funding cost, Bank managed to report stable margins due to rising loan yields. Bank has recently raised capital via QIP (150bps on RWA) which should thus help contain funding cost, leading to stable margins. However, quelling the run-away cost (C/I ratio at an intense >70%) is paramount for sustaining higher RoA delivery.

# NPA ratio continues to trend down, but Company needs to shore-up its <70% specific PCR and build some counter-cyclical buffers

IDFCB reported a slight increase in absolute GNPA of 4% QoQ, but better credit growth led to slight reduction in the GNPA ratio by 6bps QoQ to 2.1%. Specific PCR remains below 70% (at 68%), which we believe the bank needs to shore it up. Additionally, rising noise on stress build-up in unsecured loans would call for building counter-cyclical buffers, even if it hurts near-term profitability.

#### We retain BUY with revised TP of Rs98/share

Factoring-in the relatively sticky operational cost and higher LLP amid rising stress in unsecured loans, we have cut our earnings for FY25/26E by 7/16%, but expect the bank to deliver healthy RoA/RoE at  $\sim 1.3-1.4\%/11-14\%$  over FY24-26E (building-in the recent capital raise) vs. 0.3-1.1%/3-10% over FY21-23. We retain BUY with a revised TP of Rs98/share (Rs96 earlier) rolling forward on 1.8x Sep-25E ABV (earlier 1.7x Jun-25E ABV). Key risks: Macro slowdown hurting growth/asset quality, delay in opex improvement, and KMP attrition.

#### **TARGET PRICE (Rs): 98**

Target Price – 12M	Sep-24
Change in TP (%)	2.1
Current Reco.	BUY
Previous Reco.	BUY
Upside/(Downside) (%)	13.9
CMP (27-Oct-23) (Rs)	86.1

Stock Data	Ticker
52-week High (Rs)	101
52-week Low (Rs)	52
Shares outstanding (mn)	7,054.9
Market-cap (Rs bn)	607
Market-cap (USD mn)	7,293
Net-debt, FY24E (Rs mn)	NA
ADTV-3M (mn shares)	50
ADTV-3M (Rs mn)	4,523.7
ADTV-3M (USD mn)	54.3
Free float (%)	46.0
Nifty-50	19,047
INR/USD	83.2
Shareholding, Oct-23	
Promoters (%)	37.5
FPIs/MFs (%)	26.1/7.1

Price Performance								
(%)	1M	3M	12M					
Absolute	(11.8)	4.2	51.5					
Rel. to Nifty (8.7) 7.6 41.1								



#### Anand Dama

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

#### Kunaal N

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

#### Marazbaan Dastur

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

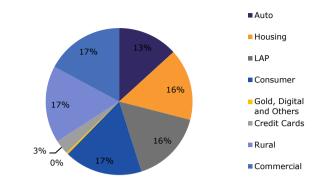
# **Story in Charts**

Exhibit 1: Both credit and deposit growth remain robust for the quarter

Credit Growth (YoY, %) Deposit Growth (YoY, %) 50 45 38.7 40 35 24.7 30 25 20 15 10

Source: Company, Emkay Research

Exhibit 2: Well diversified loan book, with retail share on the rise



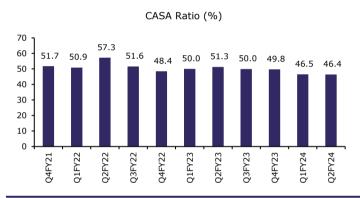
Source: Company, Emkay Research

Exhibit 3: Retail deposits continue to accelerate, improving the granularity of the book



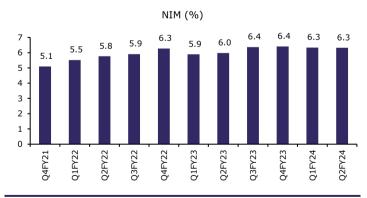
Source: Company, Emkay Research

Exhibit 4: CASA ratio remains relatively subdued



Source: Company, Emkay Research

Exhibit 5: NIMs remain stable owing to better loan yields



Source: Company, Emkay Research

Exhibit 6: Cost-to-income ratio remains high vs peers

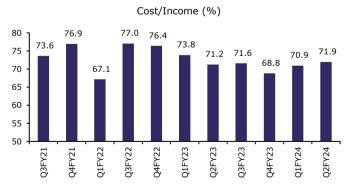
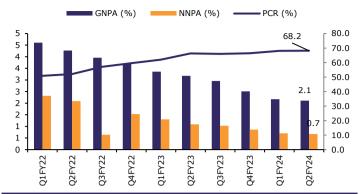
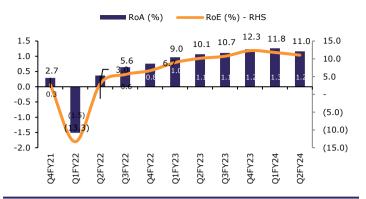


Exhibit 7: NPAs trend down further; PCR remains relatively low vs peers

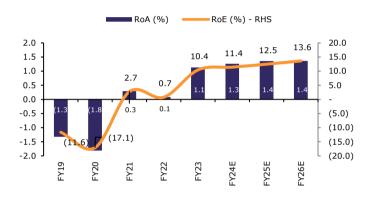


Source: Company, Emkay Research



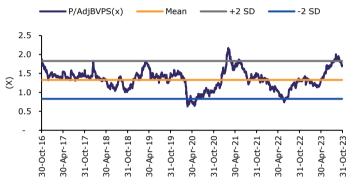
Source: Company, Emkay Research

Exhibit 9: Healthy growth/margins to scale-up RoAs/RoEs



Source: Company, Emkay Research

Exhibit 10: The stock trades at 1.8x its one-year forward ABV



Source: Bloomberg, Emkay Research

Exhibit 11: Actuals vs Estimates (Q2FY24)

Actuals (Rs mn)	Estima	tes	Variation		Comments	
Actuals (RS mn)	Emkay	Consensus	Emkay	Consensus		
53,798	53,416	53,295	1%	1%	Higher NII led to a beat	
15,103	15,586	16,106	-3%	-6%	Higher opex led to a miss	
7,513	8,060	8,059	-7%	-7%	Lower PPoP along with higher LLP led to a miss	

**Exhibit 12: Quarterly Summary** 

Rs mn	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24	YoY (%)	QoQ (%)	FY23A	FY24E	YoY (%)
Interest Earned	54,697	59,118	64,244	68,677	73,562	34	7	2,27,275	3,04,700	34.1
Interest Exp	24,675	26,265	28,276	31,226	34,060	38	9	1,00,922	1,42,892	41.6
Net Interest Income	30,022	32,853	35,968	37,451	39,502	32	5	1,26,353	1,61,808	28.1
Global NIMs (reported)	5.98	6.13	6.41	6.33	6.32	34bps	-1bps	6.26	6.45	19bps
Non-interest Income	10,613	11,525	13,975	14,138	14,296	35	1	44,670	60,283	35.0
Operating Expenses	28,948	31,770	34,356	36,586	38,696	34	6	1,21,704	1,57,205	29.2
Pre Provisioning Profit	11,687	12,608	15,587	15,003	15,103	29	1	49,319	64,887	31.6
Provision & Contingencies	4,242	4,502	4,824	4,762	5,284	25	11	16,648	20,119	20.8
PBT	7,445	8,105	10,762	10,242	9,819	32	-4	32,671	44,768	37.0
Income Tax Expense (Gain)	1,890	2,059	2,736	2,590	2,306	22	-11	8,300	11,268	35.8
Net Profit/(Loss)	5,556	6,046	8,026	7,652	7,513	35	-2	24,371	33,500	37.5
Gross NPA (%)	3.18	2.96	2.51	2.17	2.11	-107bps	-6bps	2.52	1.96	-56bps
Net NPA (%)	1.09	1.03	0.86	0.70	0.67	-42bps	-3bps	0.86	0.59	-26bps
Deposits (Rs in bn)	1,234	1,330	1,446	1,544	1,712	39	11	1,446	1,915	32.4
Net Advances (Rs in bn)	1,402	1,471	1,518	1,674	1,748	25	4	1,518	1,896	24.9

Source: Company, Emkay Research

**Exhibit 13: Revision in Estimates** 

Y/E Mar (Rs mn)		FY24E			FY25E			FY26E	
T/E MAT (KS MII)	Earlier	Revised	Change	Earlier	Revised	Change	Earlier	Revised	Change
Net income	2,17,228	2,22,092	2.2%	2,70,007	2,72,899	1.1%	3,33,494	3,37,500	1.2%
PPOP	65,726	64,887	-1.3%	90,913	87,879	-3.3%	1,23,454	1,18,231	-4.2%
PAT	33,555	33,500	-0.2%	45,010	43,724	-2.9%	60,910	54,051	-11.3%
EPS (Rs)	5.2	4.7	-8.7%	6.7	6.2	-6.8%	9.0	7.7	-14.9%
BV (Rs)	45.7	46.8	2.3%	54.3	52.6	-3.1%	63.0	59.9	-5.0%

Source: Emkay Research

**Exhibit 14: Key Assumptions** 

	FY23A	FY24E	FY25E	FY26E
Loan Growth (%)	28.8	24.9	25.2	24.8
Deposit Growth (%)	36.9	32.4	29.9	30.4
NIM (%)	6.3	6.4	6.4	6.3
GNPA (%)	2.5	2.0	1.8	2.0
Credit Cost (%)	1.7	1.3	1.5	1.7

Source: Emkay Research

**Exhibit 15: Key ratios and trends** 

	2QFY22	3QFY22	4QFY22	Q1FY23	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24
Loans (Rs mn)	11,13,530	11,64,220	11,78,578	13,25,550	14,02,390	14,71,090	15,17,945	16,73,740	17,48,138
Growth YoY (%)	8.6	9.6	17.2	22.0	25.9	26.4	28.8	26.3	24.7
Growth QoQ (%)	2.5	4.6	1.2	12.5	5.8	4.9	3.2	10.3	4.4
Composition (%)									
- Corporate	26.6	24.5	23.7	22.3	21.2	20.3	19.0	18.3	18.7
- SME/BB	8.5	8.7	7.9	27.5	9.1	9.4	12.4	12.9	13.2
- Retail (inc. agri)	58.7	61.6	63.8	65.8	66.4	67.3	68.6	68.8	72.9
Liability Profile & Margin									
CASA (%)	51.3	51.6	48.4	50.0	51.3	50.0	49.8	46.5	46.4
Asset Quality (%)									
GNPA	4.3	4.0	3.7	3.4	3.2	3.0	2.5	2.2	2.1
NNPA	2.1	0.6	1.5	1.3	1.1	1.0	0.9	0.7	0.7
PCR	52.1	57.1	59.5	62.0	66.3	66.0	66.4	68.1	68.2
Restructured	2.9	1.4	1.4	1.4	1.0	0.9	0.6	0.5	0.4
Capital Adequacy									
CAR (%)	15.6	15.4	15.4	15.8	15.4	16.1	16.8	17.0	16.5
Tier I (%)	14.9	14.8	14.8	14.0	13.7	13.5	14.2	13.7	13.5
ROE Decomposition (%)									
NII	5.3	6.0	5.9	5.6	5.8	6.1	6.2	6.1	6.2
Other Income	1.5	1.7	1.8	1.8	1.8	2.1	2.0	2.2	2.1
Treasury	0.3	0.1	(0.0)	(0.1)	0.2	0.1	0.4	0.1	0.1
Net income	7.1	7.7	7.7	7.4	7.9	8.2	8.7	8.5	8.4
Opex	5.5	6.0	5.9	5.5	5.6	5.9	6.0	6.0	6.0
PPOP	1.6	1.8	1.8	1.9	2.3	2.3	2.7	2.5	2.4
Provisions	1.1	0.9	0.8	0.6	0.8	0.8	0.8	0.8	0.8
PBT	0.5	0.9	1.0	1.3	1.4	1.5	1.9	1.7	1.5
Tax	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.4	0.4
ROA	0.4	0.6	0.8	1.0	1.1	1.1	1.4	1.3	1.2
ROE	3.0	5.5	6.6	8.9	10.2	10.8	13.3	11.7	11.1

FY25E

70,549

3.00.878

3,71,427

24,86,843

4.33.248

29,20,090

2,37,093

35.28.610

23.72.457

8,37,264

1,68,529

21,103

52.6

51.3

95.4

43.7

5.6

67.2

25.2

29.9

12.6

1,29,257

35,28,610

24.02.459

33,78,250

FY26E

70,549

3.52.107

4,22,655

33,41,462

3.89.923

37,31,385

2,57,551

29.60.459

10,49,825

2.32.701

42,42,985

1,42,426

59.9

58.0

88.6

43.9

5.4

67.1

24.8

34.4

13.8

44,11,591

30.03.074

#### **IDFC First Bank: Standalone Financials and Valuations**

Y/E Mar (Rs mn)	FY22	FY23	FY24E	FY25E	FY26E
Interest Income	1,71,727	2,27,275	3,04,700	3,63,683	4,37,171
Interest Expense	74,665	1,00,922	1,42,892	1,67,516	1,96,513
Net interest income	97,062	1,26,353	1,61,808	1,96,167	2,40,658
NII growth (%)	31.5	30.2	28.1	21.2	22.7
Other income	32,221	44,670	60,283	76,733	96,841
Total Income	1,29,282	1,71,023	2,22,092	2,72,899	3,37,500
Operating expenses	96,444	1,21,704	1,57,205	1,85,020	2,19,268
PPOP	32,838	49,319	64,887	87,879	1,18,231
PPOP growth (%)	31.4	50.2	31.6	35.4	34.5
Core PPOP	26,934	46,054	61,295	83,390	1,12,844
Provisions & contingencies	31,086	16,648	20,119	29,449	46,000
PBT	1,752	32,671	44,768	58,430	72,231
Extraordinary items	0	0	0	0	0
Tax expense	297	8,300	11,268	14,707	18,181
Minority interest	0	0	0	0	C
Income from JV/Associates	0	0	0	0	C
Reported PAT	1,455	24,371	33,500	43,724	54,051
PAT growth (%)	(67.8)	1,574.6	37.5	30.5	23.6
Adjusted PAT	1,455	24,371	33,500	43,724	54,051
Diluted EPS (Rs)	0.2	3.7	4.7	6.2	7.6
Diluted EPS growth (%)	(71.6)	1,492.2	28.7	30.5	23.6
DPS (Rs)	0.0	0.0	0.0	0.3	0.4
Dividend payout (%)	0.0	0.0	0.0	4.8	5.2
Effective tax rate (%)	16.9	25.4	25.2	25.2	25.2
Net interest margins (%)	5.9	6.3	6.4	6.4	6.3
Cost-income ratio (%)	74.6	71.2	70.8	67.8	65.0
Shares outstanding (mn)	6,217.7	6,618.1	7,054.9	7,054.9	7,054.9

Source: Company, Emkay Research

Balance Sheet Y/E Mar (Rs mn)

Reserves & surplus

Interest bearing liab.

Cash, other balances

Interest earning assets

Other liabilities & prov.

Total liabilities & equity

Share capital

Net worth

Borrowings

Net advances

Investments

Other assets

Total assets

Adj. BVPS (INR)

Gross advances

CASA ratio (%)

Credit to deposit (%)

Cost of deposits (%)

Loans-to-Assets (%) Net advances growth (%)

Deposit growth (%)

Book value growth (%)

BVPS (Rs)

Deposits

FY22

62,177

1.47.858

2,10,035

10,56,344

3.93.858

2,41,579

19.01.816

11.78.578

4,61,448

1.57.579

13,612

90.598

33.8

31.6

111.6

48.4

4.4

62.0

17.2

19.1

7.7

19.01.816

12.05.189

14,50,202 18,49,308

FY23

66,181

1.91.030

2,57,212

14,46,373

4.02.935

2,92,897

23.99.417

15.17.945

6,11,236

1.38.980

20,901

1,10,355

23,99,417

15.43.749

38.9

37.4

104.9

49.8

5.0

63.3

28.8

36.9

15.1

17,97,605 22,68,160 27,74,174

FY24E

70,549

2.59.271

3,29,820

19,14,929

4.46.647

23,61,576

2,19,772

29.11.168

18.95.665

7,15,825

1.62.684

17,041

46.8

45.6

99.0

44.2

5.8

65.1

24.9

32 4

20.3

1,19,952

29.11.168

19.21.967

_	 	 	

Asset quality and oth	er metrics	;			
Y/E Mar (Rs mn)	FY22	FY23	FY24E	FY25E	FY26E
Asset quality					
Gross NPLs	44,691.3	38,844.0	37,575.5	42,860.9	60,879.4
Net NPLs	18,080.7	13,040.3	11,272.7	12,858.3	18,263.8
GNPA ratio (%)	3.7	2.5	2.0	1.8	2.0
NNPA ratio (%)	1.5	0.9	0.6	0.5	0.6
Provision coverage (%)	59.5	66.4	70.0	70.0	70.0
Gross slippages	75,518.8	45,430.0	42,283.3	52,854.1	72,073.8
Gross slippage ratio (%)	6.3	2.9	2.2	2.2	2.4
LLP ratio (%)	3.3	1.7	1.3	1.5	1.7
NNPA to networth (%)	8.4	5.0	3.3	3.4	4.2
Capital adequacy					
Total CAR (%)	15.4	16.8	16.8	16.0	14.7
Tier-1 (%)	0.0	0.0	0.0	0.0	0.0
CET-1 (%)	14.8	14.2	15.3	14.7	13.6
RWA-to-Total Assets (%)	70.6	72.8	72.0	70.0	69.0
Miscellaneous					
Total income growth (%)	12.2	33.3	34.2	20.7	21.3
Opex growth (%)	36.0	26.2	29.2	17.7	18.5
Core PPOP growth (%)	38.6	71.0	33.1	36.0	35.3
PPOP margin (%)	16.1	18.1	17.8	20.0	22.1
PAT/PPOP (%)	4.4	49.4	51.6	49.8	45.7
LLP-to-Core PPOP (%)	115.4	36.1	32.8	35.3	40.8
Yield on advances (%)	13.2	14.4	15.3	14.8	14.2
Cost of funds (%)	5.1	5.6	6.3	6.0	5.7

Source:	Company,	Emkay	Research

Valuations and key	Ratios				
Y/E Mar	FY22	FY23	FY24E	FY25E	FY26E
P/E (x)	367.6	23.4	18.1	13.9	11.2
P/B (x)	2.7	2.3	1.9	1.7	1.5
P/ABV (x)	2.7	2.3	1.9	1.7	1.5
P/PPOP (x)	16.3	11.5	9.4	6.9	5.1
Dividend yield (%)	0.0	0.0	0.0	0.3	0.5
DuPont-RoE split (%)					
NII/avg assets	5.5	5.9	6.1	6.1	6.1
Other income	1.8	2.1	2.3	2.4	2.4
Fee income	1.4	1.8	1.9	2.1	2.1
Opex	5.5	5.7	5.9	5.7	5.5
PPOP	1.9	2.3	2.4	2.7	3.0
Core PPOP	1.5	2.1	2.3	2.6	2.8
Provisions	1.8	0.8	0.8	0.9	1.2
Tax expense	0.0	0.4	0.4	0.5	0.5
RoA (%)	0.1	1.1	1.3	1.4	1.4
Leverage ratio (x)	9.1	9.2	9.0	9.2	10.0
RoE (%)	0.7	10.4	11.4	12.5	13.6
Quarterly data					
Rs mn, Y/E Mar	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24
NII	30,022	32,853	35,968	37,451	39,502
NIM (%)	6.0	6.1	6.4	6.3	6.3
PPOP	11,687	12,608	15,587	15,003	15,103
PAT	5,556	6,046	8,026	7,652	7,513
EPS (Rs)	0.89	0.97	1.21	1.16	1.14

#### **RECOMMENDATION HISTORY - DETAILS**

Date	CMP (INR)	TP (INR)	Rating	Analyst
30-Jul-23	84	96	Buy	Anand Dama
07-Jul-23	80	96	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.emkavglobal.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 quaranteed. 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 Interests2 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.

1 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 29, 2023
- 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 recommended in this report as of October 29, 2023
- EGFSL, its affiliates and Research Analyst or his/her associate/relative's may have actual/beneficial ownership of 1% or more securities of the subject 5 company at the end of the month immediately preceding the October 29, 2023
- 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**

-initaly italing blocklotter	
Ratings	Expected Return within the next 12-18 months.
BUY	Over 15%
HOLD	Between -5% to 15%
SELL	Below -5%

#### 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.