

March 2, 2023

# Event Update

☑ Change in Estimates | ■ Target | ■ Reco

#### **Change in Estimates**

	Cur	rent	Pre	vious
	FY24E	FY25E	FY24E	FY25E
Rating	BUY		B	UY
Target Price	1,	100	1,	100
NII (Rs. m)	4,82,735	5,41,492	4,64,254	5,23,573
% Chng.	4.0	3.4		
Op. Profit (Rs. m)	3,47,541	4,08,637	3,47,817	4,02,454
% Chng.	(0.1)	1.5		
EPS (Rs.)	69.3	82.3	70.0	81.3
% Chng.	(0.9)	1.2		

#### Key Financials - Standalone

Y/e Mar	FY22	FY23E	FY24E	FY25E
NII (Rs m)	3,31,322	4,34,018	4,82,735	5,41,492
Op. Profit (Rs m)	2,47,420	3,20,747	3,47,541	4,08,637
PAT (Rs m)	1,30,255	2,10,185	2,13,652	2,54,042
EPS (Rs.)	42.4	68.4	69.3	82.3
Gr. (%)	97.3	61.1	1.4	18.7
DPS (Rs.)	-	6.2	7.6	9.1
Yield (%)	-	0.7	0.9	1.0
NIM (%)	3.6	4.0	3.9	3.9
RoAE (%)	12.0	17.5	15.8	16.3
RoAA (%)	1.2	1.7	1.5	1.6
P/BV (x)	2.3	2.1	1.8	1.6
P/ABV (x)	2.4	2.2	1.9	1.7
PE (x)	20.4	12.7	12.5	10.5
CAR (%)	18.5	17.1	16.9	16.8

Key Data	AXBK.BO   AXSB IN
52-W High / Low	Rs.970 / Rs.618
Sensex / Nifty	59,411 / 17,451
Market Cap	Rs.2,662bn/ \$ 32,259m
Shares Outstanding	3,076m
3M Avg. Daily Value	Rs.7621.36m

## **Shareholding Pattern (%)**

Promoter's	8.19
Foreign	49.45
Domestic Institution	31.51
Public & Others	10.85
Promoter Pledge (Rs bn)	-

## Stock Performance (%)

	1M	6M	12N
Absolute	0.9	16.3	16.5
Relative	1.4	15.0	10.3

#### Gaurav Jani

gauravjani@plindia.com | 91-22-66322235

#### Palak Shah

palakshah@plindia.com | 91-22-66322257

# Axis Bank (AXSB IN)

## Rating: BUY | CMP: Rs865 | TP: Rs1,100

# CITI portfolio to turn profitable in FY25E

## **Quick Pointers:**

- CITI's consumer businesses acquired for Rs116.3bn (lower by Rs7.2bn).
  - Deposit attrition was Rs103bn; CET-1 to reduce by 177bps to 13.8%.

Axis-Citi deal concluded on 1<sup>st</sup>March'23 for a consideration of Rs116bn. While acquired asset portfolio at Rs273bn was largely intact (post deal announcement in Mar'22), deposits saw a rundown of Rs102bn to Rs399bn. Hence the deal value saw Rs7.2bn reduction. Capital consumption was lower at 177bps than expected 230bps, hence AXSB's CET-I ratio would be higher at ~14% by Q4FY23 (estimate ~13%) providing cushion for future growth. Although a <=15% loan CAGR (our estimates) could be self-funded, growing at 20% entail a capital raise. Immediate benefits of acquisition include addition of superior quality CC portfolio (Rs89bn) coupled with CASA boost of 150bps. We expect this business to turn profitable by H2FY25E given (i) post-tax integration costs of Rs15bn and (ii) opex optimization would happen only post integration. As change in FY23E/24E/25E PAT is ~1%, our multiple/TP basis Sep'24ABV are unchanged at 2.3x/Rs1,100. Retain 'BUY'.

- Assets/liabilities addition to balance sheet of 3.5%/4.5%: Deposits/assets to the tune of Rs399bn/273bn will be transferred, with difference being liquid assets. The rundown in deposit portfolio of Rs103bn over past 11 months was either in normal course or attrition with consent. This rundown resulted in decline of purchase consideration from Rs123bn to Rs116bn (based on 31<sup>st</sup> Jan'23 portfolio). Any further changes till 28<sup>th</sup> Feb'23 would be adjusted in goodwill. AXSB's CET-1 ratio (incl. 9MFY23 profits) stood at 15.55%, while 177bps of capital will be consumed for this transaction. Hence net CET-1 as at 1<sup>st</sup> Mar'23 would be 13.8% which will be higher than earlier anticipation of 12.9%, providing cushion to fund their growth requirements.
- CC book largely intact at Rs86bn; CASA to be boosted: With regards to the <u>credit card</u> portfolio, net receivables have remained stable over 11 months at Rs86bn (vsRs89bn), due to higher spends per card. However, the revolvers continue to be soft and in-line with industry trends. Acquired portfolio would increase AXSB's credit card base by 19% to 11.2mn cards while CC portfolio on a combined basis totals to Rs292bn (+43%). On <u>deposits</u>, higher share of CASA (77%) in the Citi portfolio would lead to increase of 150bps in combined CASA ratio to 46% (vs 44.5% for AXSB).
- CITI portfolio likely to be profitable from H2FY25E: Q4FY23 P&L would be charged with: (i) goodwill amortization (below the line) (ii) alignment to a more conservative provision policy of AXSB (iii) transitions cost, banker fees, duties/taxes. Adjusted for goodwill, Q4FY23E PAT could reduce by Rs39bn. Steady state PAT for CITI business is Rs8.0-8.4bn, during transitory period of 18 months, majority of integration cost of Rs15bn will be spread linearly. After integration, bank expects opex optimization of 30-40% led by leverage benefits from cross sell and technology. Hence acquisition is expected to turn profitable from H2FY25E. For FY24/25E, we see a Rs2bn/Rs3bn loss/profit for CITI and accordingly our AXSB PAT estimates are changed by -1%/+1%.

## Exhibit 1: Key metrics of the deal

Particulars	Announced (Mar'22)	Actuals (Jan'23)	Comments
Cash Consideration (Rs. bn)	123.3	116.3	Reduction due to natural attrition in business. Any further adjustment due to portfolio changes from Jan'23 to Feb'23 would be taken care of in goodwill which would be amortized fully in Q4FY23.
Proforma CET - 1 (% - post acquisition)	12.9	13.8	Capital consumption was lower by 53bps providing leeway with respect to capital raise timelines.
Capital Consumption (bps)	230	177	
Towards purchase premium(bps)	180	137	
Incremental RWA requirement (bps)	50	40	
Deposits (Rs. bn)	502	399	Rundown of Rs100bn has been in the normal course, however management guided that further attrition would not be material.
TD	19%	23%	
CASA	81%	77%	Acquisition would lead to 150bps improvement in CASA of AXSB.
Advances (Rs. bn)	274	273	Combined market shares to go up to 5.9% from 5.7%.
Credit Cards	89	86	No major change in the portfolio, suggesting no attrition.
Other lending business	185	187	no major change in the portiono, suggesting no autition.
Mortgage	54%	54%	
Asset Backed Finance	28%	36%	
Small Business Loans	6%	5%	
Personal Loans & Ready Credit	12%	5%	
Active Card Users (in mn)	2.5	1.8	Though active cards declined, spends per card have increased by 36% resulting in stable ENR.
Retail Customers (in mn)	1.2	0.9	Further attrition may take place over 3-6 months, however would not be material.
Wealth Management & Private Banking AuM (Rs. Bn)	1,109	947	Strengthen premiumisation strategy of the bank.
Employees	3,600	3,200	96% employees have consented and offered similar levels of compensation.

Source: Company, PL

## Key takeaways from the concall:

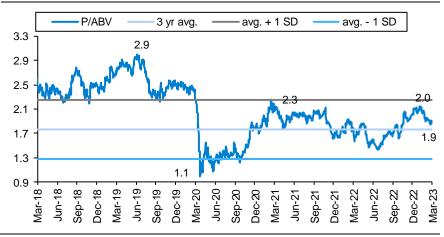
- Customer convenience with no change in account number, IFSC, MICR, RMs.
- 21 branches being taken over to service customers; during transition period 13 additional branches would be available.
- Aim would be: 1. Franchise consolidation 2. Value Enhancement 3. Transfer best practices.
- Management does not expect major attrition in customer numbers in the future, since majority customer have already shifted to axis. Focus is on expansion and growth.
- Goodwill amortization would be charged to P&L and would affect the networth, as it's not tax deductible.
- Overlap in customer base would be identified in the next leg of integration wherein strategy would be to deepen relationship with them and cross-sell/upsell other products of the bank. Strategy would be to continue scaling up in the premium segment.
- Axis offers better interest rate on savings account as compared to Citi, hence it's a benefit to customers; Axis would approach the unconsented customers again.

## Exhibit 2: Return ratios on track to sustain ~15-16% RoE

FY18	FY19	FY20	FY21	FY22	FY23E	FY24E	FY25E
2.9	2.9	2.9	3.1	3.1	3.5	3.5	3.4
1.7	1.8	1.8	1.6	1.4	1.3	1.3	1.3
4.6	4.7	4.7	4.6	4.5	4.8	4.8	4.8
2.2	2.1	2.0	1.9	2.2	2.2	2.3	2.2
2.4	1.6	2.2	1.8	0.7	0.3	0.4	0.4
0.0	0.3	0.4	0.2	0.4	0.6	0.5	0.5
0.0	0.6	0.2	0.7	1.2	1.7	1.5	1.6
0.5	7.2	2.1	7.1	12.0	17.5	15.8	16.3
	1.7 <b>4.6</b> 2.2 2.4 0.0 <b>0.0</b>	2.9       2.9         1.7       1.8         4.6       4.7         2.2       2.1         2.4       1.6         0.0       0.3         0.0       0.6	2.9         2.9         2.9           1.7         1.8         1.8           4.6         4.7         4.7           2.2         2.1         2.0           2.4         1.6         2.2           0.0         0.3         0.4           0.0         0.6         0.2	2.9         2.9         2.9         3.1           1.7         1.8         1.8         1.6           4.6         4.7         4.7         4.6           2.2         2.1         2.0         1.9           2.4         1.6         2.2         1.8           0.0         0.3         0.4         0.2           0.0         0.6         0.2         0.7	2.9         2.9         2.9         3.1         3.1           1.7         1.8         1.8         1.6         1.4           4.6         4.7         4.7         4.6         4.5           2.2         2.1         2.0         1.9         2.2           2.4         1.6         2.2         1.8         0.7           0.0         0.3         0.4         0.2         0.4           0.0         0.6         0.2         0.7         1.2	2.9         2.9         2.9         3.1         3.1         3.5           1.7         1.8         1.8         1.6         1.4         1.3           4.6         4.7         4.7         4.6         4.5         4.8           2.2         2.1         2.0         1.9         2.2         2.2           2.4         1.6         2.2         1.8         0.7         0.3           0.0         0.3         0.4         0.2         0.4         0.6           0.0         0.6         0.2         0.7         1.2         1.7	2.9         2.9         2.9         3.1         3.1         3.5         3.5           1.7         1.8         1.8         1.6         1.4         1.3         1.3           4.6         4.7         4.7         4.6         4.5         4.8         4.8           2.2         2.1         2.0         1.9         2.2         2.2         2.3           2.4         1.6         2.2         1.8         0.7         0.3         0.4           0.0         0.3         0.4         0.2         0.4         0.6         0.5           0.0         0.6         0.2         0.7         1.2         1.7         1.5

Source: Company, PL

## Exhibit 3: AXSB's one year forward P/ABV trades at 1.9x



Source: Company, PL

# **Axis Bank**

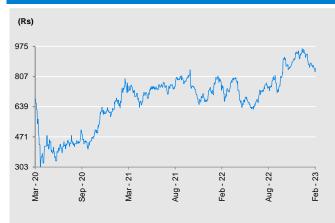
I		)
I	L	

ncome Statement (Rs. m) Y/e Mar	F	Y22	FY23	E FY24E	FY25
Int. Earned from Adv.	4,96		6,45,89		
Int. Earned from invt.	4,90		1,84,60		
Others		,132	14,18		
Total Interest Income	6,73		8,52,09		
nterest Expenses	3,42		4,18,07		
Net Interest Income	3,31		4,34,01		
Growth(%)		13.3	31.	0 11.2	12.
Non Interest Income	1,52	,205	1,63,60	3 1,83,609	2,09,50
Net Total Income	4,83	,528	5,97,62	6 6,66,343	7,51,00
Growth(%)		5.2	23.	0 25.2	17.
Employee Expenses	76	,126	90,99	6 1,04,525	1,11,80
Other Expenses	1,49	,898	1,85,88	2 2,14,277	2,30,55
Operating Expenses	2,36	,108	2,76,87	9 3,18,803	3,42,36
Operating Profit	2,47	,420	3,20,74	7 3,47,541	4,08,63
Growth(%)		(3.7)	29.		
NPA Provision	47	,974	47,68	5 29,437	33,17
Total Provisions		,595	38,80		
PBT	1,73		2,81,94		3,39,62
Tax Provision		,571	71,75		
Effective tax rate (%)		25.1	25.		
PAT	1,30		2,10,18		
Growth(%)		97.7	61.	4 1.6	18.
Balance Sheet (Rs. m)					
Y/e Mar	FY22		FY23E	FY24E	FY25
Face value	2		2	2	
No. of equity shares	3,070		3,075	3,082	3,08
Equity	6,139		6,150	6,163	6,17
Networth	11,50,255	12	,55,064	14,43,019	16,69,12
Growth(%)	13.2		9.1	15.0	15.
Adj. Networth to NNPAs	55,122		36,060	42,330	47,80
Deposits	82,17,209	92	,32,820	1,05,29,339	1,18,26,62
Growth(%)	17.7		12.4	14.0	12.
CASA Deposits	36,97,554	39	,49,067	43,85,132	49,52,33
% of total deposits	45.0		42.8	41.6	41.
Total Liabilities	1,17,51,781			1,48,61,604	1,65,86,42
Net Advances	70,76,960	82	,36,689	93,87,482	
Growth(%)	13.5		16.4	14.0	14.
Investments	27,55,972	30	,91,837	34,40,336	36,90,29
Total Assets	1,17,51,781	1,29	,96,817	1,48,61,604	1,65,86,42
Growth (%)	18.0		10.6	14.3	11.
Asset Quality					
(/e Mar	F	Y22	FY23	E FY24E	FY25
Gross NPAs (Rs m)	2,18	,223	1,96,34	5 1,85,949	2,06,25
Net NPAs (Rs m)	55	,122	36,06	42,330	47,80
Gr. NPAs to Gross Adv.(%)		2.8	2.	3 2.1	2.
Net NPAs to Net Adv. (%)		0.7	0.	4 0.4	0.
NPA Coverage %		74.7	81.	6 77.2	76.
Profitability (%)					
Y/e Mar		Y22	FY23E	FY24E	FY25E
	г				
		3.6	4.(		3.9
RoAA		1.2	1.7		1.6
RoAE		12.0	17.5		16.3
Tier I		16.3	15.1		14.7
CRAR		18.5	17.1	16.9	16.8

Quarterly Financials (Rs. m)				
Y/e Mar	Q4FY22	Q1FY23	Q2FY23	Q3FY23
Interest Income	1,77,762	1,87,287	2,02,389	2,22,264
Interest Expenses	89,571	93,446	98,787	1,07,671
Net Interest Income	88,191	93,840	1,03,603	1,14,593
YoY growth (%)	16.7	20.9	31.1	32.4
CEB	37,580	35,760	38,620	41,010
Treasury	-	-	-	-
Non Interest Income	42,233	29,990	39,412	46,654
Total Income	2,19,996	2,17,276	2,41,801	2,68,919
Employee Expenses	18,865	21,861	21,667	22,811
Other expenses	46,900	43,099	44,186	45,662
Operating Expenses	65,765	64,960	65,852	68,473
Operating Profit	64,660	58,870	77,162	92,775
YoY growth (%)	(5.8)	(8.2)	30.2	50.6
Core Operating Profits	62,350	65,540	78,022	88,495
NPA Provision	6,020	7,770	7,510	13,410
Others Provisions	9,872	3,594	5,498	14,377
Total Provisions Profit Before Tax	9,872 <b>54,788</b>	3,594 <b>55,276</b>	5,498 <b>71,664</b>	14,377 <b>78,398</b>
Tax	<b>54,788</b> 13,610	<b>55,276</b> 14,024	18,367	19,867
PAT	<b>41,178</b>	41,024 41,253	53,298	58,531
YoY growth (%)	53.8	91.0	71.1	61.9
Deposits	82,17,209	80,35,717	81,08,067	84,81,733
YoY growth (%)	17.7	12.6	10.1	9.9
Advances	70,76,960	70,11,299	73,08,748	76,20,755
YoY growth (%)	15.2	14.0	17.6	14.6
Key Ratios				
Y/e Mar	FY22	FY23E	FY24E	FY25E
CMP (Rs)	865	865	865	865
EPS (Rs)	42.4	68.4	69.3	82.3
Book Value (Rs)	375	408	468	541
Adj. BV (Rs)	357	396	454	524
P/E (x)	20.4	12.7	12.5	10.5
P/BV (x)	2.3	2.1	1.8	1.6
P/ABV (x)	2.4	2.2	1.9	1.7
DPS (Rs)	-	6.2	7.6	9.1
Dividend Payout Ratio (%)	-	9.0	11.0	11.0
Dividend Yield (%)	-	0.7	0.9	1.0
Efficiency				
Y/e Mar	FY22	FY23E	FY24E	FY25E
Cost-Income Ratio (%)	48.8	46.3	47.8	45.6
C-D Ratio (%)	86.1	89.2	89.2	90.5
Business per Emp. (Rs m)	145	156	171	186
Profit per Emp. (Rs lacs)	12	19	18	21
Business per Branch (Rs m)	2,823	3,110	3,394	3,683
Profit per Branch (Rs m)	24	37	36	42
Du-Pont				
Y/e Mar	FY22	FY23E	FY24E	FY25E
NII	3.06	3.51	3.47	3.44
Total Income	4.47	4.83	4.78	4.78
Operating Expenses	2.18	2.24	2.29	2.18
PPoP	2.29	2.59	2.50	2.60
Total provisions	0.68	0.31	0.44	0.44
RoAA	1.20	1.70	1.53	1.62

## **Axis Bank**

## **Price Chart**



No.	Date	Rating	TP (Rs.) Share Price (Rs	
1	24-Jan-23	BUY	1,100	933
2	05-Jan-23	BUY	1,100	949
3	25-Nov-22	BUY	1,100	888
4	21-Oct-22	BUY	1,080	826
5	05-Oct-22	BUY	940	743
6	26-Jul-22	BUY	940	727
7	08-Jul-22	BUY	940	658
8	29-Apr-22	BUY	940	780
9	09-Apr-22	BUY	975	795
10	31-Mar-22	BUY	975	750

**Recommendation History** 

## **Analyst Coverage Universe**

Sr. No.	CompanyName	Rating	TP (Rs)	Share Price (Rs	
1	AAVAS Financiers	Accumulate	2,200	1,999	
2	Axis Bank	BUY	1,100	933	
3	Bank of Baroda	BUY	220	164	
4	Can Fin Homes	BUY	700	521	
5	City Union Bank BUY		190	160	
6	DCB Bank	BUY	150	114	
7	Federal Bank	BUY	175	129	
8	HDFC	BUY	3,000 1,850	2,613 1,601 870	
9	HDFC Bank	BUY			
10	ICICI Bank	BUY	1,090		
11	IDFC First Bank	UR	-	60	
12	IndusInd Bank	BUY	1,500	1,223	
13	Kotak Mahindra Bank BUY		2,100	1,763	
14	LIC Housing Finance	Accumulate	410	376	
15	Punjab National Bank	UR	-	57	
16	State Bank of India	BUY	730	544	

## PL's Recommendation Nomenclature (Absolute Performance)

Buy	:	> 15%
Accumulate	:	5% to 15%
Hold	:	+5% to -5%
Reduce	:	-5% to -15%
Sell	:	< -15%
Not Rated (NR)	:	No specific call on the stock
Under Review (UR)	:	Rating likely to change shortly

## **ANALYST CERTIFICATION**

## (Indian Clients)

We/l, Mr. Gaurav Jani- CA, CFA Level 2, Ms. Palak Shah- CA, B.Com Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

## (US Clients)

The research analysts, with respect to each issuer and its securities covered by them in this research report, certify that: All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and No part of his or her or their compensation was, is or will be directly related to the specific recommendation or views expressed in this research report.

#### **DISCLAIMER**

## **Indian Clients**

Prabhudas Lilladher Pvt. Ltd, Mumbai, India (hereinafter referred to as "PL") is engaged in the business of Stock Broking, Portfolio Manager, Depository Participant and distribution for third party financial products. PL is a subsidiary of Prabhudas Lilladher Advisory Services Pvt Ltd. which has its various subsidiaries engaged in business of commodity broking, investment banking, financial services (margin funding) and distribution of third party financial/other products, details in respect of which are available at www.plindia.com.

This document has been prepared by the Research Division of PL and is meant for use by the recipient only as information and is not for circulation. This document is not to be reported or copied or made available to others without prior permission of PL. It should not be considered or taken as an offer to sell or a solicitation to buy or sell any security.

The information contained in this report has been obtained from sources that are considered to be reliable. However, PL has not independently verified the accuracy or completeness of the same. Neither PL nor any of its affiliates, its directors or its employees accepts any responsibility of whatsoever nature for the information, statements and opinion given, made available or expressed herein or for any omission therein.

Recipients of this report should be aware that past performance is not necessarily a guide to future performance and value of investments can go down as well. The suitability or otherwise of any investments will depend upon the recipient's particular circumstances and, in case of doubt, advice should be sought from an independent expert/advisor.

Either PL or its affiliates or its directors or its employees or its representatives or its clients or their relatives may have position(s), make market, act as principal or engage in transactions of securities of companies referred to in this report and they may have used the research material prior to publication.

PL may from time to time solicit or perform investment banking or other services for any company mentioned in this document.

PL is a registered with SEBI under the SEBI (Research Analysts) Regulation, 2014 and having registration number INH000000271.

PL submits that no material disciplinary action has been taken on us by any Regulatory Authority impacting Equity Research Analysis activities.

PL or its research analysts or its associates or his relatives do not have any financial interest in the subject company.

PL or its research analysts or its associates or his relatives do not have actual/beneficial ownership of one per cent or more securities of the subject company at the end of the month immediately preceding the date of publication of the research report.

PL or its research analysts or its associates or his relatives do not have any material conflict of interest at the time of publication of the research report.

PL or its associates might have received compensation from the subject company in the past twelve months

PL or its associates might have managed or co-managed public offering of securities for the subject company in the past twelve months or mandated by the subject company for any other assignment in the past twelve months.

PL or its associates might have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months.

PL or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months

PL or its associates might have received any compensation or other benefits from the subject company or third party in connection with the research report.

PL encourages independence in research report preparation and strives to minimize conflict in preparation of research report. PL or its analysts did not receive any compensation or other benefits from the subject Company or third party in connection with the preparation of the research report. PL or its Research Analysts do not have any material conflict of interest at the time of publication of this report.

It is confirmed that Mr. Gaurav Jani- CA, CFA Level 2, Ms. Palak Shah- CA, B.Com Research Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

The Research analysts 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.

The research analysts for this report has not served as an officer, director or employee of the subject company PL or its research analysts have not engaged in market making activity for the subject company

Our sales people, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses 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.

PL and its associates, their directors and employees may (a) from time to time, have a long or short position in, and buy or sell the securities of the subject company or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company or act as an advisor or lender/borrower to the subject company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

#### **US Clients**

This research report is a product of Prabhudas Lilladher Pvt. Ltd., 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 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 by Prabhudas Lilladher Pvt. Ltd. only 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, Prabhudas Lilladher Pvt. Ltd. has entered into an 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.

#### Prabhudas Lilladher Pvt. Ltd.

3rd Floor, Sadhana House, 570, P. B. Marg, Worli, Mumbai-400 018, India | Tel: (91 22) 6632 2222 Fax: (91 22) 6632 2209 www.plindia.com