Equitas Small Finance Bank I BUY

Steady quarter; growth momentum continues

Equitas SFB reported a core PPOP of INR 3.3bn (+36% YoY, +6% QoQ) on account of strong credit growth across segments (AUM growth +37% YoY, +6% QoQ) and controlled opex (+2% QoQ , +20% YoY). NIMs declined to 8.43% (-33bps QoQ) on account of majority of deposits being repriced in 2Q24 and management maintained its NIM guidance of 8.5% for FY24E. AUM stood at INR 312bn (+37% YoY/+6% QoQ) led by vehicle finance, small business loans and affordable housing loans. Deposit growth remains strong (+42% YoY) with CASA at 34% (-380bps QoQ) due to increase in contribution in TD (82% vs 20% QoQ). Equitas SFB sold INR 1620mn of NPA assets to ARC during 2Q24 for a consideration of INR 1180mn resulting in decline in GNPA/NNPA to 2.27%/0.97% (-49bps/ -21bps QoQ); PCR stood at 58% in 2Q24. We build avg. credit costs of 110-120bps over FY24-25E. We maintain BUY on the stock given its continued growth momentum, diversified asset portfolio and operating leverage. We see Equitas SFB achieving RoAs/RoEs of 2.35%/18.5%. Maintain BUY with a TP of INR 115 valuing the stock at 1.9x P/B FY25E.

- Healthy loan growth; in-line operational performance: Overall AUM growth stood at +37% YoY/+6% QoQ on the back of healthy disbursements (+29% YoY,+4.3% QoQ). AUM growth was broad based led by vehicle finance (+38% YoY,+6% QoQ), small business loans (+32% YoY,+7% QoQ) and housing finance (+69% YoY,+12% QoQ); whereas MFI witnessed moderation (+42% YoY,+5% QoQ) and MSE finance witnessed contraction (-10% YoY, -5% QoQ). Deposits growth stood at +42% YoY/+11% QoQ aided by momentum in term deposits (+20% QoQ) while CASA declined to 34% (-480bps QoQ). NIMs stood at 8.43% (-33bps QoQ) on account of majority of deposits being repriced in 2Q24. Mgmt. maintained NIMs guidance of 8.5% for FY24E on the back of asset side repricing setting off increase in funding costs. We build an AUM CAGR of 23-28% over FY24-25E. Operating profit stood at INR 3.3bn (+36% YoY, 5.8% QoQ) supported by steady NII growth (26% YoY, 3% QoQ) operating expenses (+20% YoY, +2% QoQ). Cost to income ratio remained within mgmt guidance at 65% and expected to gradually improve further. PAT was aided by lower credit cost (-30% YoY, 5% QoQ) and stood at INR 1.98bn (+70% YoY, +4% QoQ).
- Improved asset quality: Overall asset quality improved with GNPA/ NNPA at 2.27%/0.97% (-49bps/ -21bps QoQ) and PCR at 58% in 2Q24. Equitas SFB sold INR 1620mn of NPA assets to ARC during 2Q24 for a consideration of INR 1180mn; provisions of INR 480mn has been created against the SR's. Gross slippages increased to 4.12% (vs 3.62%) on account of marginal increase witnessed in commercial vehicle finance segment due to cyclical impact; though it is expected to normalise in coming quarters. Additional provisions of INR 280mn were made during the quarter to strengthen coverage. We build avg. credit costs of 115bps over FY24-25E.
- Valuation and view: We maintain BUY on the stock given its continued growth momentum, diversified asset portfolio and operating leverage. We see Equitas SFB achieving RoAs/ RoEs of 2.35%/18.5%. Maintain BUY with a TP of INR 115 valuing the stock at 1.8x FY25E BV.

Financial Summary					(INR mn)
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Net Profit	3,842	2,807	5,736	9,142	11,788
Net Profit (YoY) (%)	57.7%	-26.9%	104.3%	59.4%	28.9%
Assets (YoY) (%)	28.1%	9.0%	29.7%	26.5%	26.4%
ROA (%)	1.7%	1.1%	1.9%	2.3%	2.4%
ROE (%)	12.5%	7.3%	12.2%	16.5%	18.5%
EPS	3.4	2.2	5.2	8.2	10.6
EPS (YoY) (%)	45.8%	-33.5%	130.4%	59.4%	28.9%
PE (x)	29.7	44.6	19.4	12.1	9.4
BV	30	34	46	53	62
BV (YoY) (%)	14.4%	13.8%	36.9%	14.3%	16.2%
P/BV (x)	3.35	2.95	2.15	1.88	1.62



Sameer Bhise

sameer.bhise@jmfl.com | Tel: (91 22) 66303489 Akshay Jain

akshay.jain@jmfl.com | Tel: (91 22) 66303099

Apurva Deshmukh apurva.deshmukh@jmfl.com | Tel: (91 22) 66303263

Mayank Mistry mayank.mistry@jmfl.com | Tel: (91 22) 62241877

Gayathri Shivaram

gayathri.shivaram@jmfl.com | Tel: (91 22) 66301889

Shreyas Pimple

shreyas.pimple@jmfl.com | Tel: (91 22) 66301881

Recommendation and Price Target				
Current Reco.	BUY			
Previous Reco.	BUY			
Current Price Target (12M)	115			
Upside/(Downside)	14.5%			
Previous Price Target	110			
Change	4.5%			

Key Data – EQUITASB IN	
Current Market Price	INR100
Market cap (bn)	INR112.7/US\$1.4
Free Float	86%
Shares in issue (mn)	1,139.3
Diluted share (mn)	
3-mon avg daily val (mn)	INR556.2/US\$6.7
52-week range	102/47
Sensex/Nifty	65,398/19,543
INR/US\$	83.1

1M		
INI	6M	12M
19.8	44.3	112.1
20.9	31.7	92.4
	19.8	19.8 44.3

* To the BSE Sensex

JM Financial Research is also available on: Bloomberg - JMFR <GO>, Thomson Publisher & Reuters, S&P Capital IQ, FactSet and Visible Alpha

Please see Appendix I at the end of this report for Important Disclosures and Disclaimers and Research Analyst Certification.

Key trends: 2QFY24

Exhibit 1. Equitas SFB: Results Summary

Exhibit 1. Equitas SFB: Results Summa	-				-
Earnings Table (Rs mn)	2Q23	1Q24	2Q24	YoY (%)	
NII	6,097	7,431	7,656	25.6%	3.0%
Misc Income	540	514	584	8.0%	13.6%
Non-Interest income	1,450	1,714	1,814	25.1%	5.8%
Total Income	7,547	9,145	9,470	25.5%	3.5%
Employee Cost	2,751	3,280	3,315	20.5%	1.1%
Other Operating Expenses	2,373	2,744	2,853	20.2%	3.9%
Total Operating Expenses	5,124	6,024	6,168	20.4%	2.4%
Operating Profit	2,423	3,121	3,302	36.3%	5.8%
Loan Loss Provisions	901	601	632	-29.9%	5.1%
Total Provisions	901	601	632	-29.9%	5.1%
РВТ	1,522	2,521	2,670	75.4%	5.9%
Tax	358	609	689	92.4%	13.2%
Reported Profit	1,164	1,912	1,982	70.2%	3.7%
Balance sheet (Rs bn)					
Deposits	217.3	277.1	308.4	41.9%	11.3%
Net Advances	218.4	275.3	287.7	31.7%	4.5%
Total Assets	299.2	380.4	401.3	34.1%	5.5%
Low-cost Deposits (%)	48.0%	38.4%	33.6%	-14.5%	-4.8%
Loan-Deposit ratio (%)	100.5%	99.3%	93.3%	-7.2%	-6.1%
Key Ratios					
Credit Quality					
Gross NPAs (Rs. mn.)	8,703	7,702	6,605	-24.1%	-14.2%
Net NPAs (Rs. mn.)	4,309	3,251	2,793	-35.2%	-14.1%
Gross NPA (%)	3.91%	2.75%	2.27%	-1.64%	-0.49%
Net NPA (%)	1.97%	1.18%	0.97%	-1.00%	-0.21%
Loan Loss Provisions (%)	1.82%	1.00%	1.00%	-0.82%	0.00%
Coverage Ratio (%)	50.5%	57.8%	57.7%	7.2%	-0.1%
Capital Adequacy					
Tier I (%)	22.6%	21.4%	20.7%	-1.90%	-0.71%
CAR (%)	23.1%	22.1%	21.3%	-1.75%	-0.73%
Du-pont Analysis					
NII / Assets (%)	8.37%	8.14%	7.83%	-0.53%	-0.31%
Non-Interest Inc. / Assets (%)	1.99%	1.88%	1.86%	-0.13%	-0.02%
Operating Cost / Assets (%)	7.03%	6.60%	6.31%	-0.72%	-0.29%
Operating Profits / Assets (%)	3.33%	3.42%	3.38%	0.05%	-0.04%
Provisions / Assets (%)	1.24%	0.66%	0.65%	-0.59%	-0.01%
ROA (%)	1.60%	2.10%	2.03%	0.43%	-0.07%

Exhibit 2. Equitas SFB: AUM break-up					
AUM Composition (INR bn)	2Q23	1Q24	2Q24	YoY (%)	QoQ (%)
Micro Finance	41.4	56.3	58.8	41.8%	4.5%
Small Business Loans (incl. HF)	108.5	139.9	151.3	39.5%	8.1%
Vehicle Finance	56.4	73.4	77.8	37.9%	5.9%
- Used CV	34.9	43.8	46.6	33.5%	6.3%
- New CV	21.5	29.6	31.2	45.0%	5.3%
MSE Finance	11.6	10.9	10.4	-10.3%	-5.0%
NBFC	7.1	11.8	10.4	47.0%	-11.5%
Others	2.8	3.7	3.6	28.4%	-1.9%
AUM	227.8	296.0	312.3	37.10%	5.5%
AUM mix (%)					
Micro Finance	18.2%	19.0%	18.8%	0.6%	-0.2%
Small Business Loans (incl. HF)	47.6%	47.3%	48.5%	0.8%	1.2%
Vehicle Finance	24.8%	24.8%	24.9%	0.1%	0.1%
- Used CV	15.3%	14.8%	14.9%	-0.4%	0.1%
- New CV	9.4%	10.0%	10.0%	0.5%	0.0%
MSE Finance	5.1%	3.7%	3.3%	-1.8%	-0.4%
NBFC	3.1%	4.0%	3.3%	0.2%	-0.6%
Others	1.2%	1.2%	1.2%	-0.1%	-0.1%
Total	100.0%	100.0%	100.0%		

Source: Company, JM Financial

Exhibit 3. Equitas SFB: Deposits break-up					
Deposits Composition (INR bn)	2Q23	1Q24	2Q24	YoY (%)	QoQ (%)
Current	6.3	8.4	8.1	30.0%	-3.2%
Saving	98.0	98.0	95.4	-2.7%	-2.7%
CASA	104.2	106.4	103.5	-0.7%	-2.8%
Time Deposits	112.7	170.7	204.9	81.8%	20.1%
Total Deposits (ex-CDs)	216.9	277.1	308.4	42.2%	11.3%
Certificate of Deposits	0.3	0.0	0.0	-98.5%	#DIV/0!
Total Deposits	217.3	277.1	308.4	41.9%	11.3%
Current	2.9%	3.0%	2.6%	-0.2%	-0.4%
Saving	45.2%	35.4%	30.9%	-14.2%	-4.5%
CASA	48.0%	38.4%	33.6%	-14.5%	-4.8%
Time Deposits	52.0%	61.6%	66.4%	14.5%	4.8%
Total Deposits (ex-CDs)	100%	100%	100%		
Deposits Composition (INR bn)	2Q23	1Q24	2Q24	YoY (%)	QoQ (%)

Source: Company, JM Financial

Exhibit 4. Equitas SFB: Trend in accretion to loans and deposits

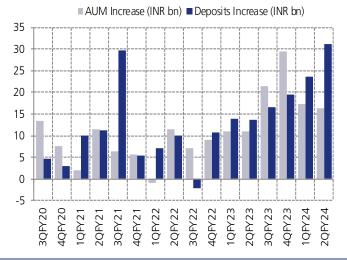
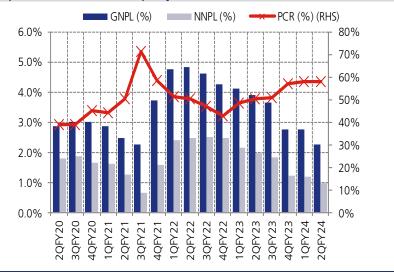
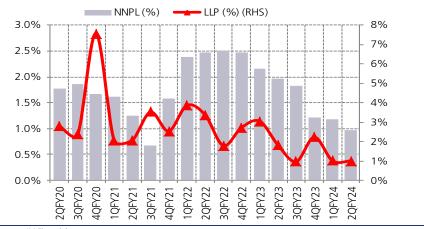


Exhibit 5. Equitas SFB: Trend in asset quality

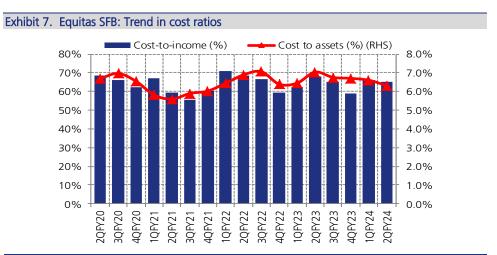


Source: Company, JM Financial





Source: Company, JM Financial



Financial Tables (Standalone)

Profit & Loss					(INR mn)
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Net Interest Income	17,980	20,385	25,447	32,516	41,088
Profit on Investments	447	426	214	400	350
Exchange Income	0	0	0	0	0
Fee & Other Income	3,734	4,949	6,482	7,845	9,494
Non-Interest Income	4,181	5,376	6,696	8,245	9,844
Total Income	22,160	25,761	32,143	40,761	50,932
Operating Expenses	13,294	17,041	20,383	25,129	30,931
Pre-provisioning Profits	8,866	8,719	11,760	15,632	20,002
Loan-Loss Provisions	4,697	4,935	3,659	3,442	4,285
Provisions on Investments	0	0	403	0	0
Others Provisions	-943	3	10	0	0
Total Provisions	3,753	4,938	4,072	3,442	4,285
PBT	5,113	3,781	7,688	12,190	15,717
Tax	1,270	974	1,952	3,047	3,929
PAT (Pre-Extraordinaries)	3,842	2,807	5,736	9,142	11,788
Extra ordinaries (Net of Tax)	0	0	0	0	0
Reported Profits	3,842	2,807	5,736	9,142	11,788
Dividend paid	0	0	1,111	1,777	2,221
Retained Profits	3,842	2,807	4,625	7,365	9,566

Balance Sheet					(INR mn)
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Equity Capital	11,393	12,520	11,106	11,106	11,106
Reserves & Surplus	22,571	29,941	40,474	47,839	57,406
Deposits	163,920	189,508	253,806	332,485	432,231
Borrowings	41,653	26,164	29,738	34,198	39,328
Other Liabilities	7,616	11,385	14,459	16,627	19,122
Total Liabilities	247,152	269,519	349,581	442,256	559,192
Investments	37,052	44,498	66,646	82,932	106,343
Net Advances	168,479	193,742	257,986	330,222	422,684
Cash & Equivalents	33,787	21,325	12,443	16,712	21,419
Fixed Assets	1,851	2,004	3,791	4,664	5,729
Other Assets	5,983	7,949	8,716	7,727	3,016
Total Assets	247,152	269,519	349,581	442,256	559,192

Source: Company, JM Financial

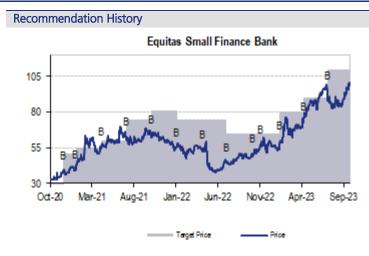
Key Ratios					
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Growth (YoY) (%)					
Deposits	51.9%	15.6%	33.9%	31.0%	30.0%
Advances	22.7%	15.0%	33.2%	28.0%	28.0%
Total Assets	28.1%	9.0%	29.7%	26.5%	26.4%
NII	20.2%	13.4%	24.8%	27.8%	26.4%
Non-interest Income	48.1%	28.6%	24.6%	23.1%	19.4%
Operating Expenses	12.7%	28.2%	19.6%	23.3%	23.1%
Operating Profits	48.4%	-1.7%	34.9%	32.9%	28.0%
Core Operating profit	41.7%	-1.5%	39.2%	31.9%	29.0%
Provisions	52.2%	31.6%	-17.5%	-15.5%	24.5%
Reported PAT	57.7%	-26.9%	104.3%	59.4%	28.9%
Yields / Margins (%)					
Interest Spread	7.36%	7.12%	7.47%	7.46%	7.43%
NIM	8.45%	8.17%	8.53%	8.48%	8.38%
Profitability (%)					
Non-IR to Income	18.9%	20.9%	20.8%	20.2%	19.3%
Cost to Income	60.0%	66.2%	63.4%	61.7%	60.7%
ROA	1.75%	1.09%	1.85%	2.31%	2.35%
ROE	12.5%	7.3%	12.2%	16.5%	18.5%
Assets Quality (%)					
Slippages	4.37%	8.38%	5.75%	4.00%	3.75%
Gross NPA	3.73%	4.24%	2.76%	2.46%	2.34%
Net NPAs	1.58%	2.47%	1.21%	1.02%	0.95%
Provision Coverage	58.6%	42.7%	56.9%	59.0%	60.0%
Specific LLP	2.83%	1.89%	2.05%	1.04%	1.01%
Net NPAs / Networth	7.8%	11.3%	6.0%	5.7%	5.9%
Capital Adequacy (%)					
Tier I	23.23%	24.53%	23.08%	20.05%	18.71%
CAR	24.18%	25.16%	23.80%	20.59%	19.14%

Dupont Analysis					
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
NII / Assets	8.17%	7.89%	8.22%	8.21%	8.21%
Other Income / Assets	1.90%	2.08%	2.16%	2.08%	1.97%
Total Income / Assets	10.07%	9.97%	10.38%	10.30%	10.17%
Cost / Assets	6.04%	6.60%	6.58%	6.35%	6.18%
PBP / Assets	4.03%	3.38%	3.80%	3.95%	3.99%
Provisions / Assets	1.71%	1.91%	1.32%	0.87%	0.86%
PBT / Assets	2.32%	1.46%	2.48%	3.08%	3.14%
Tax rate	24.8%	25.8%	25.4%	25.0%	25.0%
ROA	1.75%	1.09%	1.85%	2.31%	2.35%
RoRWAs	3.10%	1.90%	3.19%	3.94%	3.92%
Leverage	7.3	6.3	6.8	7.5	8.2
ROE	12.5%	7.3%	12.2%	16.5%	18.5%

Valuations					
Y/E March	FY21A	FY22A	FY23A	FY24E	FY25E
Shares in Issue	1,139.3	1,252.0	1,110.6	1,110.6	1,110.6
EPS (INR)	3.4	2.2	5.2	8.2	10.6
EPS (YoY) (%)	45.8%	-33.5%	130.4%	59.4%	28.9%
PER (x)	29.7	44.6	19.4	12.1	9.4
BV (INR)	30	34	46	53	62
BV (YoY) (%)	14.4%	13.8%	36.9%	14.3%	16.2%
ABV (INR)	29	32	46	52	61
ABV (YoY) (%)	17.2%	10.0%	42.1%	14.6%	16.3%
P/BV (x)	3.35	2.95	2.15	1.88	1.62
P/ABV (x)	3.43	3.12	2.19	1.91	1.65
DPS (INR)	0.0	0.0	1.0	1.6	2.0
Div. yield (%)	0.0%	0.0%	1.0%	1.6%	2.0%

Equitas Small Finance Bank

History of Recommendation and Target Price						
Date	Recommendation	Target Price	% Chg.			
16-Dec-20	Buy	51				
30-Jan-21	Buy	55	7.8			
2-May-21	Buy	60	9.1			
1-Aug-21	Buy	75	25.0			
31-Oct-21	Buy	81	8.0			
31-Jan-22	Buy	75	-7.4			
5-May-22	Buy	75	0.0			
29-Jul-22	Buy	65	-13.3			
1-Nov-22	Buy	65	0.0			
30-Nov-22	Buy	65	0.0			
10-Feb-23	Buy	80	23.1			
6-May-23	Buy	90	12.5			
31-Jul-23	Buy	110	22.2			



APPENDIX I

JM Financial Institutional Securities Limited

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd. and National Stock Exchange of India Ltd.

SEBI Registration Nos.: Stock Broker - INZ000163434, Research Analyst - INH000000610

Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India.

Board: +91 22 6630 3030 | Fax: +91 22 6630 3488 | Email: jmfinancial.research@jmfl.com | www.jmfl.com

Compliance Officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: sahil.salastekar@jmfl.com

Grievance officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: instcompliance@jmfl.com

Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Definition of	ratings	
Rating	Meaning	
Buy	Total expected returns of more than 10% for stocks with market capitalisation in excess of INR 200 billion and REITs* and more than 15% for all other stocks, over the next twelve months. Total expected return includes dividend yields.	
Hold	Price expected to move in the range of 10% downside to 10% upside from the current market price for stocks with market capitalisation in excess of INR 200 billion and REITs* and in the range of 10% downside to 15% upside from the current market price for all other stocks, over the next twelve months.	
Sell	Price expected to move downwards by more than 10% from the current market price over the next twelve months.	

* REITs refers to Real Estate Investment Trusts.

Research Analyst(s) Certification

The Research Analyst(s), 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 or indirectly related to the specific recommendations or views expressed in this research report.

Important Disclosures

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE) and National Stock Exchange of India Ltd. (NSE). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor. Registration granted by SEBI and certification from the National Institute of Securities Market (NISM) in no way guarantee performance of JM Financial Institutional Securities or provide any assurance of returns to investors.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or 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 company(ies) mentioned herein 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 company(ies) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and their immediate relatives are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their immediate relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report.

While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision.

This research report is based on the fundamental research/analysis conducted by the Research Analyst(s) named herein. Accordingly, this report has been prepared by studying/focusing on the fundamentals of the company(ies) covered in this report and other macro-economic factors. JM Financial Institutional Securities may have also issued or may issue, research reports and/or recommendations based on the technical/quantitative analysis of the company(ies) covered in this report by studying and using charts of the stock's price movement, trading volume and/or other volatility parameters. As a result, the views/recommendations expressed in such technical research reports could be inconsistent or even contrary to the views contained in this report.

The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

This report is not directed 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, regulation or which would subject JM Financial Institutional Securities and/or its affiliated company(ies) to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Any U.S. person who is recipient of this report that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, must contact, and deal directly through a U.S. registered representative affiliated with a broker-dealer registered with the SEC and a member of FINRA. In the U.S., <u>JM Financial Institutional Securities has an affiliate, JM Financial Securities, Inc. located at 1325 Avenue of the Americas, 28th Floor, Office No. 2821, New York, New York 10019. Telephone +1 (332) 900 4958 which is registered with the SEC and is a member of FINRA and SIPC.</u>

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. If you are located in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential loss arising from any use of this research report or the information contained herein.