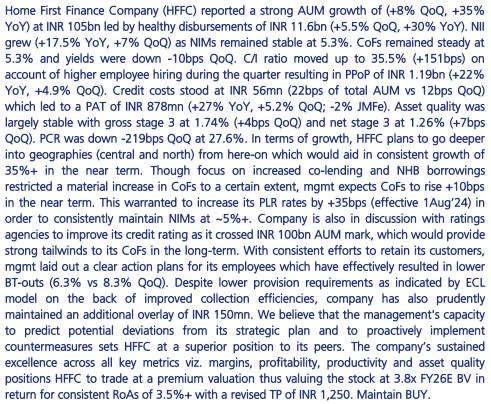
Home First Finance Company I BUY

Consistency prevails; Premium valuations justified



- Consistent and robust AUM growth: HFFC disbursements stood healthy at INR 11.6bn (+5.5% QoQ, +30% YoY) which led to a strong AUM growth of (+8% QoQ, +34.8% YoY) at INR 105bn. The concentration of HL book now stands at 85% of total AUM (vs 87% YoY) on account of higher focus towards LAP. The HL book grew (+7% QoQ, +32% YoY) while LAP grew (+12% QoQ, +59% YoY). Mgmt. guides LAP to constitute 20% of total AUM (currently at 14%) in next 3 years. The growth from commercial property purchase loan was also strong at (+4% QoQ, +34% YoY). Mgmt guided growth to sustain as the company grows deeper into geographies in next 3 years. We expect HFFC AUM to grow at 34% CAGR over FY24-26E.
- Continued strong profitability: NII grew (+17.5% YoY, +7% QoQ) as NIMs remained stable at 5.3%. CoFs remained steady at 5.3% and yields were down -10bps QoQ. C/I ratio moved up to 35.5% (+151bps) on account of higher employee hiring during the quarter resulting in PPoP of INR 1.19bn (+22% YoY, +4.9% QoQ). Credit costs stood at INR 56mn (22bps of total AUM vs 12bps QoQ) which led to a PAT of INR 878mn (+27% YoY, +5.2% QoQ; -2% JMFe). RoA remains steady at 3.6% while RoE moved up further

JM FINANCIAL

Sameer Bhise sameer.bhise@jmfl.com | Tel: (91 22) 66303489

Mayank Mistry

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

Raghvesh

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

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)	1,250
Upside/(Downside)	17.8%
Previous Price Target	1,180
Change	5.9%

Key Data – HOMEFIRS IN	
Current Market Price	INR1,062
Market cap (bn)	INR94.4/US\$1.1
Free Float	49%
Shares in issue (mn)	88.0
Diluted share (mn)	
3-mon avg daily val (mn)	INR391.7/US\$4.7
52-week range	1,195/777
Sensex/Nifty	81,333/24,835
INR/US\$	83.7

Price Performance			
%	1M	6M	12M
Absolute	2.5	10.1	24.2
Relative*	-0.4	-2.7	1.0

^{*} To the BSE Sensex

Financial Summary					(INR mn)
Y/E March	FY22A	FY23A	FY24A	FY25E	FY26E
Net Profit	1,861	2,283	3,057	3,858	4,992
Net Profit (YoY) (%)	85.8%	22.7%	33.9%	26.2%	29.4%
Assets (YoY) (%)	13.5%	31.7%	41.5%	31.5%	29.2%
ROA (%)	3.9%	3.9%	3.8%	3.5%	3.5%
ROE (%)	12.6%	13.5%	15.5%	16.8%	18.4%
EPS	21.2	25.9	34.5	43.6	56.4
EPS (YoY) (%)	85.3%	22.1%	33.2%	26.2%	29.4%
P/E (x)	50.0	40.9	30.7	24.4	18.8
BV	180	206	240	280	332
BV (YoY) (%)	13.7%	15.0%	16.1%	16.7%	18.5%
P/BV (x)	5.91	5.14	4.43	3.80	3.20

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.

Source: Company data, JM Financial. Note: Valuations as of 26/Jul/2024

to 16.3% (+20bps QoQ) during the quarter. Mgmt anticipates a ~10bps hike in CoFs from here and guided for PLR hike of +35bps (effective Aug'24). This would limit any further NIMs compression from here and thus remains confident to maintain NIMs of 5.5%+. In addition, the company also started discussion with rating agencies to upgrade its credit ratings as it crossed 100bn AUM. We forecast earnings CAGR of 28% over FY24-26E to deliver avg RoA/RoEs of 3.5%/18.4% over FY25-26E.

- Steady asset quality: Asset quality was largely stable during the quarter with gross stage 3 at 1.74% (+4bps QoQ) and net stage 3 at 1.26% (+7bps QoQ). PCR was down -219bps QoQ at 27.6%. 1+DPD was up +30bps QoQ at 4.5% while 30+DPD was up +10bps QoQ at 2.9%. Overall ECL cover for the company remains steady at 0.8% of total AUM (-3bps QoQ). We do not see any major asset quality headwinds going forward while the management also maintains additional overlay of INR 150mn over and above ECL provisions to prevent any major shocks going forward. We build avg. credit costs of 30bps over FY25-26E.
- Valuation and view: We believe that the management's capacity to predict potential deviations from its strategic plan and to proactively implement countermeasures sets HFFC at a superior position to its peers. HFFC's sustained excellence across all key metrics viz. margins, profitability, productivity and asset quality positions the company to trade at a premium valuation thus valuing the stock at 3.8x FY26E BV in return for consistent RoAs of 3.5%+ with a revised TP of INR 1,250. Maintain BUY.

HFFC – 1QFY25 Quarterly Performance

Exhibit 1. 1QFY25 Key financial hig	hlights				
Earnings Table (INR mn.)	Q1FY24	Q4FY24	Q1FY25	YoY (%)	QoQ (%)
Net Interest Income	1,246	1,368	1,464	17.5%	7.0%
Total Non-Interest income	285	351	382	34.1%	8.9%
Total Income	1,530	1,719	1,846	20.6%	7.4%
Employee Cost	359	366	416	15.8%	13.7%
Other expenses & Depreciation	194	218	239	23.2%	9.5%
Total Operating Expenses	553	584	655	18.4%	12.1%
Operating Profit (PPP)	977	1,135	1,191	21.9%	4.9%
Total Provisions	77	27	56	-27.8%	102.3%
PBT	900	1,107	1,135	26.1%	2.5%
Tax	209	273	258	23.2%	-5.6%
PAT (Pre-Extraordinaries)	691	835	878	27.0%	5.2%
Reported Profit	691	835	878	27.0%	5.2%
Balance Sheet Data (INR bn)					
AUM	77.8	97.0	104.8	34.8%	8.0%
Disbursements	9.0	11.0	11.6	29.9%	5.5%
Ratios Analysis (%)					
Cost to Income (%)	36.1%	34.0%	35.5%	-0.67%	1.51%
Effective Tax Rate (%)	23.2%	24.6%	22.7%	-0.5%	-1.9%
Credit Quality					
Gross S3 (INR Mn.)	1,077	1,393	1,540	43.0%	10.5%
Net S3 (INR Mn.)	743	979	1,116	50.2%	14.0%
Gross S3 (%)	1.64%	1.70%	1.74%	0.10%	0.04%
Net S3 (%)	1.13%	1.19%	1.26%	0.10%	0.07%
Coverage	31.0%	29.7%	27.6%	-3.5%	-2.2%
Capital Adequacy (%)					
Tier I (%)	45.5%	39.1% 39.5%	35.8%	-9.70%	-3.30%
CAR (%)	46.0%	39.5%	36.2%	-9.80%	-3.30%
Return ratios (%)					
ROA (%)	3.9%	3.6%	3.6%	-0.30%	-0.05%
ROE (%)	15.0%	16.1%	16.3%	1.29%	0.22%

Quarterly Trends

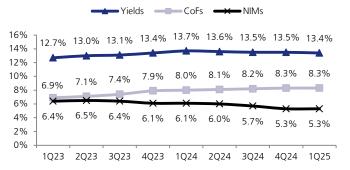
Exhibit 2. Trend in Disbursements growth Disbursements (INR bn) Growth (%) (YoY) - RHS 14 140% 11.6 11.0 12 120% 10.1 9.6 9.0 10 8.7 100% 7.8 7.0 8 6.6 80% 6 60% 40% 4 2 20% 0% 1Q24 Q25 2024 4024 022

Source: Company, JM Financial

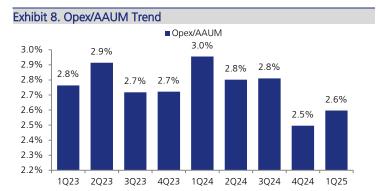


Source: Company, JM Financial

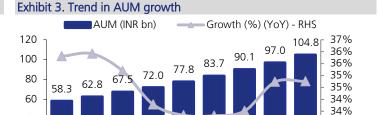
Exhibit 6. Margins Trend (Reported)



Source: Company, JM Financial



Source: Company, JM Financial



1Q24

2024

3024

33% 33%

32%

32%

1Q25

Source: Company, JM Financial

2023

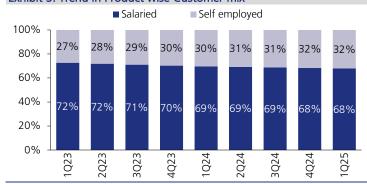
40

20

0

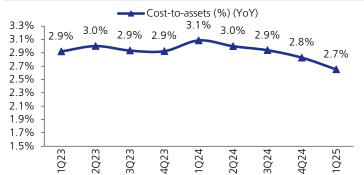
Exhibit 5. Trend in Product wise Customer mix

3Q23



Source: Company, JM Financial

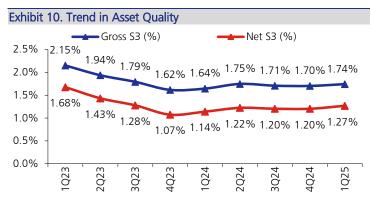
Exhibit 7. Cost-to-assets trend



Source: Company, JM Financial

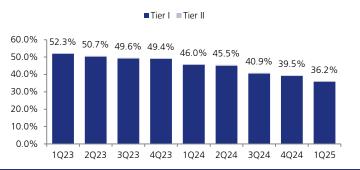
Exhibit 9. AUM/Branch and AUM/Employee Trend





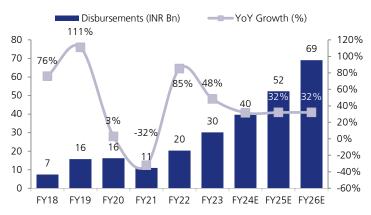
Source: Company, JM Financial

Exhibit 11. Comfortable Liquidity



Annual Trends

Exhibit 12. Trend in disbursements growth



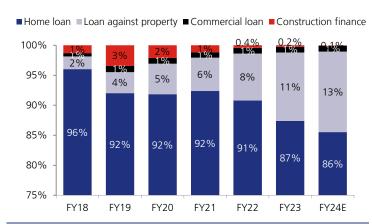
Source: Company, JM Financial

Exhibit 13. Trend in AUM growth



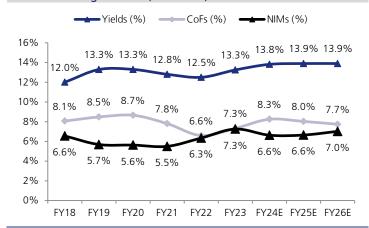
Source: Company, JM Financial

Exhibit 14. Trend in AUM Mix



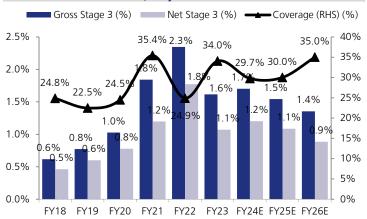
Source: Company, JM Financial

Exhibit 15. Margins Trend (Calculated)



Source: Company, JM Financial

Exhibit 16. Trend in Asset Quality



Source: Company, JM Financial

Exhibit 17. Cost-to-Assets Trend

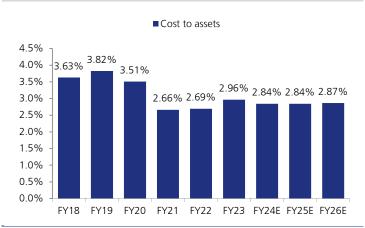
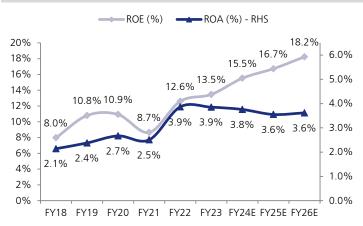
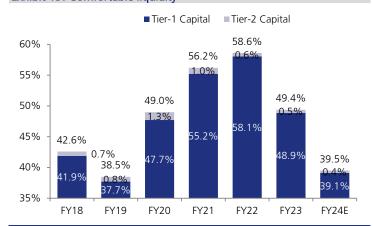


Exhibit 18. Return Ratios Trend



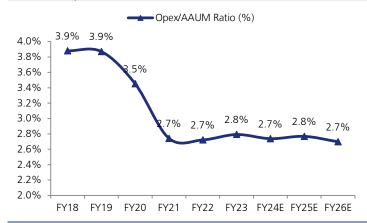
Source: Company, JM Financial

Exhibit 19. Comfortable liquidity



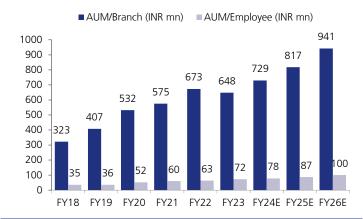
Source: Company, JM Financial

Exhibit 20. Opex/AAUM Trend



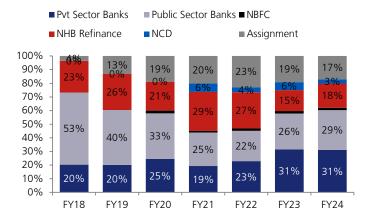
Source: Company, JM Financial

Exhibit 21. AUM/Branch and AUM/Employee Trend



Source: Company, JM Financial

Exhibit 22. Trend in borrowings mix



Source: Company, JM Financial

Exhibit 23. Trend in NII

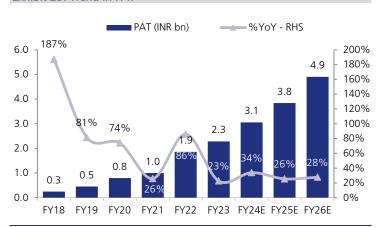


Exhibit 24. Trend in PPoP

PPoP (INR bn) ─── %YoY - RHS 8.0 162% 180% 6.8 160% 7.0 140% 6.0 5.4 120% 5.0 4.3 80% 100% 71% 4.0 3.2 80% 2.5 3.0 60% 2.0 1.2 40% 0.4 1.0 20% 0.0 0% FY18 FY19 FY20 FY21 FY22 FY23 FY24E FY25E FY26E

Source: Company, JM Financial

Exhibit 25. Trend in PAT



Financial Tables (Standalone)

Income Statement				(1	NR mn)
Y/E March	FY22A	FY23A	FY24A	FY25E	FY26E
Net Interest Income (NII)	2,969	4,190	5,290	7,190	9,679
Non Interest Income	840	734	1,289	1,420	1,381
Total Income	3,809	4,923	6,579	8,611	11,061
Operating Expenses	1,296	1,756	2,325	3,100	3,981
Pre-provisioning Profits	2,513	3,167	4,254	5,511	7,080
Loan-Loss Provisions	241	212	253	366	423
Others Provisions	0	0	0	0	0
Total Provisions	250	215	254	366	423
PBT	2,263	2,952	4,000	5,144	6,656
Tax	402	669	942	1,286	1,664
PAT (Pre-Extra ordinaries)	1,861	2,283	3,057	3,858	4,992
Extra ordinaries (Net of Tax)	0	0	0	0	0
Reported Profits	1,861	2,283	3,057	3,858	4,992
Dividend	0	229	301	309	399
Retained Profits	1,861	2,054	2,756	3,550	4,593

Source: Company, JM Financial

Balance Sheet					(INR mn)
Y/E March	FY22A	FY23A	FY24A	FY25E	FY26E
Equity Capital	175	176	177	177	177
Reserves & Surplus	15,562	17,997	21,038	24,587	29,180
Stock option outstanding	0	0	0	0	0
Borrowed Funds	34,668	48,135	73,021	96,388	1,27,232
Deferred tax liabilities	17	0	0	0	0
Preference Shares	747	1,062	1,104	4,264	5,511
Current Liabilities & Provisions	0	0	0	0	0
Total Liabilities	51,169	67,370	95,340	1,25,416	1,62,100
Net Advances	43,049	59,957	81,434	1,08,055	1,44,481
Investments	0	2,808	3,788	4,322	6,791
Cash & Bank Balances	6,678	2,984	8,215	10,805	8,669
Loans and Advances	0	0	0	0	0
Other Current Assets	1,242	1,339	1,573	1,800	1,600
Fixed Assets	200	253	298	392	507
Miscellaneous Expenditure	0	0	0	0	0
Deferred Tax Assets	0	28	31	41	53
Total Assets	51,169	67,370	95,340	1,25,416	1,62,100

Source: Company, JM Financial

Key Ratios					
Y/E March	FY22A	FY23A	FY24A	FY25E	FY26E
Growth (YoY) (%)					
Borrowed funds	13.5%	38.8%	51.7%	32.0%	32.0%
Advances	29.4%	39.3%	35.8%	32.7%	33.7%
Total Assets	13.5%	31.7%	41.5%	31.5%	29.2%
NII	39.0%	41.1%	26.3%	35.9%	34.6%
Non-interest Income	42.3%	-12.7%	75.6%	10.2%	-2.8%
Operating Expenses	21.8%	35.5%	32.4%	33.3%	28.4%
Operating Profits	51.2%	26.0%	34.3%	29.5%	28.5%
Core Operating profit	50.1%	51.9%	30.0%	31.9%	31.8%
Provisions	-22.2%	-14.0%	18.2%	44.1%	15.6%
Reported PAT	85.8%	22.7%	33.9%	26.2%	29.4%
Yields / Margins (%)					
Interest Spread	4.35%	5.18%	4.68%	4.89%	5.21%
NIM	6.35%	7.26%	6.65%	6.64%	6.84%
Profitability (%)					
ROA	3.87%	3.85%	3.76%	3.50%	3.47%
ROE	12.6%	13.5%	15.5%	16.8%	18.4%
Cost to Income	34.0%	35.7%	35.3%	36.0%	36.0%
Asset quality (%)					
Gross NPA	2.35%	1.62%	1.70%	1.55%	1.43%
LLP	0.66%	0.42%	0.36%	0.39%	0.34%
Capital Adequacy (%)					
Tier I	58.05%	48.89%	39.08%	34.71%	31.87%
CAR	58.61%	49.38%	39.48%	35.02%	32.10%

Source: Company, JM Financial

Dupont Analysis					
Y/E March	FY22A	FY23A	FY24A	FY25E	FY26E
NII / Assets	6.17%	7.07%	6.50%	6.51%	6.73%
Other Income / Assets	1.75%	1.24%	1.58%	1.29%	0.96%
Total Income / Assets	7.91%	8.31%	8.09%	7.80%	7.69%
Cost / Assets	2.69%	2.96%	2.86%	2.81%	2.77%
PPP / Assets	5.22%	5.34%	5.23%	4.99%	4.92%
Provisions / Assets	0.52%	0.36%	0.31%	0.33%	0.29%
PBT / Assets	4.70%	4.98%	4.92%	4.66%	4.63%
Tax rate	17.8%	22.7%	23.6%	25.0%	25.0%
ROA	3.87%	3.85%	3.76%	3.50%	3.47%
Leverage	3.3	3.7	4.5	5.1	5.5
ROE	12.6%	13.5%	15.5%	16.8%	18.4%

Source: Company, JM Financial

Valuations					
Y/E March	FY22A	FY23A	FY24A	FY25E	FY26E
Shares in Issue	87.6	88.0	88.5	88.5	88.5
EPS (INR)	21.2	25.9	34.5	43.6	56.4
EPS (YoY) (%)	85.3%	22.1%	33.2%	26.2%	29.4%
P/E (x)	50.0	40.9	30.7	24.4	18.8
BV (INR)	180	206	240	280	332
BV (YoY) (%)	13.7%	15.0%	16.1%	16.7%	18.5%
P/BV (x)	5.91	5.14	4.43	3.80	3.20
DPS (INR)	0.0	2.6	3.4	3.5	4.5
Div. yield (%)	0.0%	0.2%	0.3%	0.3%	0.4%

History of Rec	History of Recommendation and Target Price				
Date	Recommendation	Target Price	% Chg.		
26-Jun-23	Buy	950			
31-Jul-23	Buy	950	0.0		
29-Oct-23	Buy	1,095	15.3		
19-Jan-24	Buy	1,170	6.8		
9-May-24	Buy	1,180	0.9		

Recommendation History



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., 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.

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 information contained herein to be construed as investment advice in any province or territory of Canada nor should it be construed as being tailored to 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.