Internet

QC: Amazon unlikely to make immediate meaningful inroads

Media reports suggest Amazon has formally launched its quick commerce (QC) service, Amazon Now, after piloting it for ~6 months. Though the service is currently limited to just three pincodes in Bengaluru, the development suggests that the QC market will now be a contest among at least seven large players. While expanding competition is concerning for early adopters in our coverage (namely Eternal-owned Blinkit and Swiggy-owned Instamart), we reiterate that their medium-term growth ambitions are unlikely to be affected. This is because the QC market continues to expand exponentially due to channel shift in consumer spends, scope for newer/deeper category penetration and expansion in lower tier cities. The recent entrants will also take time to build a large network of dark stores, mother warehouses and other logistics infrastructure essential for QC. Moreover, we strongly believe recent entrants will have to launch a dedicated QC app in order to make meaningful inroads in the market. They will also have to heavily spend on building the brand, customer acquisition/retention, and differentiate basis service quality for consumers to consider switching platforms. Separately, our recent checks suggest significant easing of competitive intensity (i.e., product discounting has reduced while there has been an increase in service fees charged to customers). This makes us believe Adj. EBITDA losses may have peaked for both Blinkit and Instamart in 4QFY25, which can lead to rerating of these businesses in the run-up to their 1QFY26 results. We maintain our BUY rating on Eternal and Swiggy.

- estimates, the QC channel penetration in India's broader retail market (sized at ~USD 1trln in CY22) is barely ~1%, despite growing ~130% YoY in FY25. Compared to that eretail penetration stands at ~5-6%. Going ahead, we expect the market to continue to grow exponentially on account of, (1) conspicuous shift in consumer purchases from traditional e-commerce (or scheduled delivery), unorganised retail and modern retail channels; (2) continued ramp-up of retail categories and product/SKU depth on the channel; and (3) aggressive expansion of dark store network by early adopters in lower tier cities. This means that even if we conservatively estimate that the QC channel penetration will reach only 2.4-2.5% over the next 5 years, the market can expand to ~USD 48bn expanding at ~44% CAGR (refer Exhibit 1). This should ensure exponential GOV (gross order value) growth for early adopters despite the recent entry of large e-commerce/scheduled delivery players.
- QC is execution-heavy, which means immediate inroads are unlikely for new entrants: QC is essentially a retail business, which means it is structurally execution-heavy. There are multiple facets spread across sourcing, distribution, warehousing, inventory management, logistics, demand forecasting, dark store operations and customer experience, amongst others that need to work in sync for the model to be viable. Early adopters, in our opinion, currently have a first mover advantage when it comes to understanding categories that work on the channel, knowledge of demand patterns across several cities/ micro markets, infrastructure and logistics tech that is optimised for quick deliveries, access to prime real estate locations (can be a huge advantage in some Tier 1 city micro markets), platform recall/stickiness amongst customers, and multi-year experience of doing last mile deliveries. This leads us to believe that recent entrants may find it to difficult to make immediate inroads in the market, especially in the face of the strong supply chain network built by early adopters across 100+ cities and dependence on the same set of delivery riders and/or other contractual workers pool that is available to incumbents. In fact, we are of the strong opinion that recent entrants will have to launch a dedicated QC app in order to make meaningful inroads in the market. They will also have to heavily spend on building the platform brand, customer acquisition/retention, and differentiate basis service quality for consumers to consider switching platforms. In the long term, we strongly believe competition in the space will narrow to only 3-4 relevant players as the segment will go through the process of natural selection and possible M&As. Players that are more likely to survive will be those who are more agile, data &



Swapnil Potdukhe

swapnil.potdukhe@jmfl.com | Tel: (91 22) 62241876

Sachin Dixit

sachin.dixit@jmfl.com | Tel: (91 22) 66303078

Atul Borse

atul.borse@jmfl.com | Tel: (91 22) 66303134

Eksha Modi

eksha.modi@jmfl.com | Tel: (91 22) 66303054

Key Data – ETERNAL IN	
Current Market Price	BUY
Current Reco.	BUY
Current Price Target (12M)	280
Upside/(Downside)	12.4%

Key Data – SWIGGY IN	
Current Market Price	BUY
Current Reco.	BUY
Current Price Target (12M)	450
Upside/(Downside)	27.0%



Quick Commerce: Tez – no immediate threat to early adopters

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.

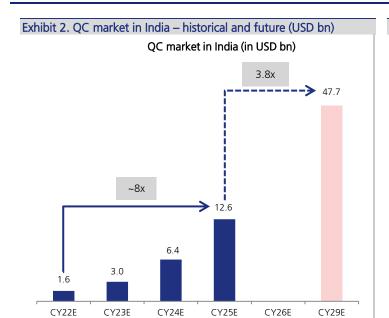
technology driven, deliver superior customer experience, build strong brand/supplier relationships and invest in strengthening logistics and supply chain.

Adj. EBITDA losses may have peaked for Blinkit as well as Instamart: Our recent checks suggests QC platforms such as Instamart and Zepto are increasingly encouraging customers to order high value SKUs by offering higher discounts vs. low value SKUs. In fact, product discounting on low value SKUs has meaningfully reduced across platforms. Moreover, we are also noticing platforms consistently collecting a mix of various charges from customers such as delivery, convenience, handling, platform and rain fees. Minimum order value restrictions for free deliveries have also increased across platforms as per our checks. These trends suggest that most QC platforms are increasingly focussing on improving their profitability. Moreover, new dark store and warehousing capacity addition trends are also expected to moderate for early adopters in our coverage, giving us the confidence to suggest that incumbents would start deriving significant store level operating leverage henceforth. This makes us believe that Adj. EBITDA losses may have peaked for both Blinkit and Instamart in 4QFY25 itself, which can lead to rerating of these businesses in the run-up to their 1QFY26 results. We maintain our BUY rating on Eternal and Swiggy.

Exhibit	1. C	uick	Commerce	market 9	sizina	over	the	medium	term

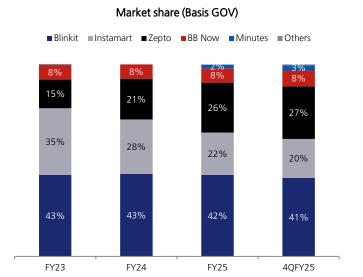
Exhibit 1. Quick Commerce market sizing over the		m term
Company/Categorywise active annual transacting users (ATUs		Comment
Zomato (only food delivery)	64	latest reported
Swiggy (includes all B2C)	58	latest reported
Food delivery	85-90	JMFe
Quick Commerce	55-60	JMFe
Hyperlocal delivery ATUs in India	100-110	implied basis above
Food delivery - Key Metrics - latest available		
Monthly transacting users (MTU's)	in million	
Zomato	20.9	4QFY25 - reported
Swiggy	15.1	4QFY25 - reported
Food delivery MTU's in India	28-30	implied basis above
Ordering Frequency		
Zomato	3.5x	FY25 - reported
Swiggy	3.6x	FY25 - reported
Food delivery Ordering Frequency per MTU in India	5.0-5.25x	implied basis above
Average order value (AOV, INR)		
Zomato	453	FY25 - reported
Swiggy	458	FY25 - reported
Food delivery AOV in India	~455	implied basis above
Quick Commerce - Key Metrics - latest available		
Monthly transacting users (MTU's)	in million	
Blinkit	13.7	4QFY25 - reported
Zepto	11-12	JMFe
Instamart	9.8	4QFY25 - reported
Quick Commerce MTU's in India	27-28	implied basis above
Ordering Frequency		
Blinkit	3.45x	4QFY25 - reported
Zepto	3.75x- 4x	JMFe
Instamart	3.01x	4QFY25 - reported
Quick Commerce Ordering Frequency per MTU in India	5.5x-6.0x	implied basis above
Average order value (AOV, INR)		
Blinkit	665	4QFY25 - reported
Zepto	~500	JMFe
Instamart	527	4QFY25 - reported
Quick Commerce AOV in India	~600	implied basis above
GOV to NOV conversion ratio	~75%	JMFe
Quick Commerce Average NOV in India (INR)	450	
Quick Commerce market size in India Annualised market size basis NOV in 4QFY25 (INR bn)	802	
Annualised market size basis NOV in 4QFY25 (USD bn)	~9.5	0.9-1.0% of total retail spends in CY24
MTU's in FY30	55-60	Assumed OC MTU's double from current levels
Ordering Freguency in FY30	6.5x	Assumed an improvement from 5.5x-6x today due to fast expanding use cases and changing consumer behaviou
Average NOV (INR) in FY30	650	Assumed ~7.5% CAGR increase from current levels
Estimated market size in FY30 (INR bn)	3,042	A STATE OF THE COST TO THE COST COST COST COST COST COST COST COST
Estimated market size in FY30 (INK bh) Estimated market size in FY30 (USD bh)	3,042	roughly 2.4-2.5% of total retail spends expected in CY29
Quick Commerce market CAGR (FY25-30)	~44%	roughly 2.4-2.5% of total fetall specific expected in C125
Quick Commerce market CAGK (FY25-30) Estimated QC market size in FY30 (INR bn) in terms of GOV	~44% 4,056	Assumed GOV to NOV conversion rate of 75%
		Assumed GOV to NOV Conversion rate or 73%
Estimated QC market size in FY30 (USD bn) in terms of GOV	48	

Source: Company, JM Financial estimates



Source: JM Financial estimates basis discussions with industry experts

Exhibit 3. Quick Commerce: Market share trends (basis GOV)



Source: Company, JM Financial estimates basis discussions with industry experts

Zomato - Financial Tables (Consolidated)

Income Statement				(1)	IR mn)
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Net Sales	1,21,150	2,02,430	3,08,165	3,96,437	4,85,314
Sales Growth	71.1%	67.1%	52.2%	28.6%	22.4%
Other Operating Income	0	0	0	0	C
Total Revenue	1,21,150	2,02,430	3,08,165	3,96,437	4,85,314
Cost of Goods Sold/Op. Exp	0	0	0	0	(
Personnel Cost	16,590	25,580	35,812	41,184	46,126
Other Expenses	1,04,130	1,70,480	2,54,516	3,11,646	3,73,874
EBITDA	430	6,370	17,836	43,608	65,314
EBITDA Margin	0.4%	3.1%	5.8%	11.0%	13.5%
EBITDA Growth	0.0%	1,381.4%	180.0%	144.5%	49.8%
Depn. & Amort.	5,260	8,630	12,163	12,965	14,38
EBIT	-4,830	-2,260	5,673	30,643	50,92
Other Income	7,750	9,230	11,850	11,725	15,14
Finance Cost	0	0	0	0	(
PBT before Excep. & Forex	2,920	6,970	17,523	42,368	66,07
Excep. & Forex Inc./Loss(-)	0	0	0	0	(
PBT	2,920	6,970	17,523	42,368	66,07
Taxes	-600	1,700	2,453	6,355	13,21
Extraordinary Inc./Loss(-)	0	0	0	0	(
Assoc. Profit/Min. Int.(-)	0	0	0	0	(
Reported Net Profit	3,520	5,270	15,070	36,013	52,86
Adjusted Net Profit	3,520	5,270	15,070	36,013	52,860
Net Margin	2.9%	2.6%	4.9%	9.1%	10.9%
Diluted Share Cap. (mn)	8,705.8	9,186.6	9,650.4	9,650.4	9,650.
Diluted EPS (INR)	0.4	0.6	1.6	3.7	5.
Diluted EPS Growth	0.0%	41.9%	172.2%	139.0%	46.89
Total Dividend + Tax	0	0	0	0	
Dividend Per Share (INR)	0.0	0.0	0.0	0.0	0.

tal Dividend + Tax	0	0	0	0	0	

Cash Flow Statement				(II)	IR mn)
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Profit before Tax	2,920	6,970	17,523	42,368	66,075
Depn. & Amort.	5,260	8,630	12,163	12,965	14,387
Net Interest Exp. / Inc. (-)	-5,790	-6,470	-11,850	-11,725	-15,148
Inc (-) / Dec in WCap.	1,180	-10,930	495	-18,114	779
Others	3,940	6,060	9,017	9,649	10,324
Taxes Paid	-1,050	-1,180	-6,094	-7,768	-14,637
Operating Cash Flow	6,460	3,080	21,254	27,375	61,780
Capex	-2,020	-9,310	-16,078	-8,737	-10,498
Free Cash Flow	4,440	-6,230	5,176	18,638	51,282
Inc (-) / Dec in Investments	-7,630	-58,760	0	0	0
Others	6,180	-11,860	14,250	14,121	17,688
Investing Cash Flow	-3,470	-79,930	-1,828	5,384	7,190
Inc / Dec (-) in Capital	220	84,470	0	0	0
Dividend + Tax thereon	0	0	0	0	0
Inc / Dec (-) in Loans	-1,690	-2,580	-8,889	833	611
Others	-600	-1,470	-2,401	-2,395	-2,540
Financing Cash Flow	-2,070	80,420	-11,290	-1,563	-1,929
Inc / Dec (-) in Cash	920	3,570	8,137	31,196	67,041
Opening Cash Balance	2,170	3,090	6,660	14,797	45,993
Closing Cash Balance	3,090	6,660	14,797	45,993	1,13,034

Source: Company, JM Financial

Balance Sheet				(I)	IR mn)
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Shareholders' Fund	2,04,130	3,03,170	3,27,257	3,72,919	4,36,103
Share Capital	8,680	9,070	9,070	9,070	9,070
Reserves & Surplus	1,95,450	2,94,100	3,18,187	3,63,849	4,27,033
Preference Share Capital	0	0	0	0	0
Minority Interest	-70	-70	-70	-70	-70
Total Loans	0	0	0	0	0
Def. Tax Liab. / Assets (-)	-2,210	-1,290	-4,931	-6,343	-7,765
Total - Equity & Liab.	2,01,850	3,01,810	3,22,256	3,66,506	4,28,268
Net Fixed Assets	57,760	76,650	85,971	87,960	90,910
Gross Fixed Assets	5,290	14,570	30,648	39,385	49,883
Intangible Assets	54,710	66,490	64,917	64,131	63,438
Less: Depn. & Amort.	2,420	4,920	10,104	16,066	22,921
Capital WIP	180	510	510	510	510
Investments	1,19,320	1,81,760	1,81,760	1,81,760	1,81,760
Current Assets	54,270	96,530	97,947	1,46,258	2,14,064
Inventories	880	1,760	4,190	3,214	6,012
Sundry Debtors	7,940	19,460	14,311	29,134	24,051
Cash & Bank Balances	3,090	6,660	14,797	45,993	1,13,034
Loans & Advances	0	0	0	0	0
Other Current Assets	42,360	68,650	64,648	67,917	70,966
Current Liab. & Prov.	29,500	53,130	43,422	49,473	58,467
Current Liabilities	18,260	37,940	34,196	37,605	43,938
Provisions & Others	11,240	15,190	9,225	11,868	14,529
Net Current Assets	24,770	43,400	54,525	96,785	1,55,598
Total – Assets	2,01,850	3,01,810	3,22,256	3,66,506	4,28,268

Source:	Company,	JM	Financial
---------	----------	----	-----------

Dupont Analysis					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Net Margin	2.9%	2.6%	4.9%	9.1%	10.9%
Asset Turnover (x)	0.6	0.8	0.9	1.1	1.2
Leverage Factor (x)	1.0	1.1	1.1	1.0	1.0
RoE	1.8%	2.1%	4.8%	10.3%	13.1%
Key Ratios					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
BV/Share (INR)	23.4	33.4	33.9	38.6	45.2
ROIC	-7.3%	-1.7%	4.0%	18.9%	28.5%
ROE	1.8%	2.1%	4.8%	10.3%	13.1%
Net Debt/Equity (x)	-0.6	-0.6	-0.6	-0.6	-0.7
P/E (x)	615.8	434.1	159.5	66.7	45.5
P/B (x)	10.6	7.4	7.3	6.4	5.5
EV/EBITDA (x)	5,303.2	347.6	123.7	49.9	32.3
EV/Sales (x)	18.8	10.9	7.2	5.5	4.3
Debtor days	24	35	17	27	18
Inventory days	3	3	5	3	5
Creditor days	27	29	26	24	25

Source: Company, JM Financial

Swiggy - Financial Tables (Consolidated)

Income Statement				(II)	NR mn)
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Net Sales	1,12,474	1,52,268	2,31,802	2,85,591	3,40,474
Sales Growth	36.1%	35.4%	52.2%	23.2%	19.2%
Other Operating Income	0	0	0	0	0
Total Revenue	1,12,474	1,52,268	2,31,802	2,85,591	3,40,474
Cost of Goods Sold/Op. Exp	46,042	60,015	97,947	1,15,203	1,32,483
Personnel Cost	20,122	25,489	30,077	32,483	35,081
Other Expenses	68,390	94,622	1,28,401	1,41,583	1,58,690
EBITDA	-22,080	-27,858	-24,623	-3,677	14,219
EBITDA Margin	-19.6%	-18.3%	-10.6%	-1.3%	4.2%
EBITDA Growth	48.4%	-26.2%	11.6%	85.1%	0.0%
Depn. & Amort.	4,206	6,123	7,347	8,543	9,997
EBIT	-26,286	-33,981	-31,969	-12,220	4,222
Other Income	3,156	2,956	2,030	1,276	1,865
Finance Cost	0	0	0	0	0
PBT before Excep. & Forex	-23,130	-31,025	-29,939	-10,944	6,087
Excep. & Forex Inc./Loss(-)	-306	-117	0	0	0
PBT	-23,436	-31,142	-29,939	-10,944	6,087
Taxes	0	0	0	0	0
Extraordinary Inc./Loss(-)	-306	-117	0	0	0
Assoc. Profit/Min. Int.(-)	-66	-26	-100	-100	-100
Reported Net Profit	-23,196	-31,051	-30,039	-11,044	5,987
Adjusted Net Profit	-23,502	-31,168	-30,039	-11,044	5,987
Net Margin	-20.9%	-20.5%	-13.0%	-3.9%	1.8%
Diluted Share Cap. (mn)	2,196.5	2,510.0	2,510.0	2,510.0	2,510.0
Diluted EPS (INR)	-10.7	-12.4	-12.0	-4.4	2.4
Diluted EPS Growth	44.6%	-16.1%	3.6%	63.2%	0.0%
Total Dividend + Tax	0	0	0	0	0
Dividend Per Share (INR)	0.0	0.0	0.0	0.0	0.0

Source: Company, JM Financial

(INR mn)

-1,990

8,755

13,907

22,662

				•	
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Profit before Tax	-23,502	-31,168	-30,039	-11,044	5,987
Depn. & Amort.	4,206	6,123	7,347	8,543	9,997
Net Interest Exp. / Inc. (-)	-544	-1,295	-2,030	-1,276	-1,865
Inc (-) / Dec in WCap.	1,988	-6,221	-2,154	109	-7,487
Others	4,687	10,467	11,728	8,210	5,747
Taxes Paid	38	400	-2,457	-861	-878
Operating Cash Flow	-13,127	-21,695	-17,606	3,681	11,501
Capex	-3,440	-7,433	-5,595	-3,909	-4,490
Free Cash Flow	-16,567	-29,128	-23,201	-227	7,011
Inc (-) / Dec in Investments	17,677	-7,734	20,000	0	0
Others	348	1,443	3,833	3,165	3,734
Investing Cash Flow	14,585	-13,724	18,238	-744	-756
Inc / Dec (-) in Capital	0	44,990	0	0	0
Dividend + Tax thereon	0	0	0	0	0
Inc / Dec (-) in Loans	-1,162	-4,658	1,992	-269	-120
Others	-66	-1,299	-1,803	-1,889	-1,869

39,034

3,615

8,691

-1,228

229

8,462

8,691

190

822

12,306

13,127

-2,158

13,127

13,907

780

Source: Company, JM Financial

Financing Cash Flow

Inc / Dec (-) in Cash

Opening Cash Balance

Closing Cash Balance

Cash Flow Statement

Balance Sheet				(INR mn)	
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Shareholders' Fund	77,915	1,02,195	83,884	81,050	92,784
Share Capital	30	2,286	2,286	2,286	2,286
Reserves & Surplus	77,885	99,908	81,598	78,764	90,498
Preference Share Capital	0	0	0	0	0
Minority Interest	0	0	0	0	0
Total Loans	2,112	282	282	282	282
Def. Tax Liab. / Assets (-)	-1,603	-1,252	-3,709	-4,569	-5,448
Total - Equity & Liab.	78,423	1,01,226	80,458	76,763	87,619
Net Fixed Assets	14,536	20,062	21,293	19,940	18,042
Gross Fixed Assets	8,077	14,141	19,736	23,645	28,135
Intangible Assets	10,008	9,470	8,415	6,958	4,946
Less: Depn. & Amort.	3,549	3,549	6,858	10,664	15,040
Capital WIP	0	0	0	0	0
Investments	43,277	54,784	34,784	34,784	34,784
Current Assets	45,878	75,956	85,368	90,534	1,11,066
Inventories	487	555	1,150	855	1,451
Sundry Debtors	9,639	24,625	24,910	26,731	34,834
Cash & Bank Balances	8,871	12,306	13,127	13,907	22,662
Loans & Advances	0	0	0	0	0
Other Current Assets	26,883	38,470	46,180	49,041	52,119
Current Liab. & Prov.	25,268	49,576	60,987	68,494	76,272
Current Liabilities	15,339	35,247	39,405	41,905	44,573
Provisions & Others	9,929	14,329	21,582	26,590	31,700
Net Current Assets	20,611	26,380	24,381	22,040	34,794
Total – Assets	78,423	1,01,226	80,458	76,763	87,619

Dupont Analysis							
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E		
Net Margin	-20.9%	-20.5%	-13.0%	-3.9%	1.8%		
Asset Turnover (x)	1.2	1.5	2.1	2.8	3.2		
Leverage Factor (x)	1.1	1.1	1.2	1.2	1.2		
RoE	-27.9%	-34.6%	-32.3%	-13.4%	6.9%		
Key Ratios							
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E		
BV/Share (INR)	35.5	45.5	36.7	35.4	40.6		
ROIC	-101.7%	-107.4%	-89.2%	-35.5%	12.4%		
ROE	-27.9%	-34.6%	-32.3%	-13.4%	6.9%		
Net Debt/Equity (x)	-0.6	-0.7	-0.6	-0.6	-0.6		
P/E (x)	-33.1	-28.5	-29.6	-80.5	148.4		
P/B (x)	10.0	7.8	9.6	10.0	8.7		
EV/EBITDA (x)	-38.0	-29.5	-34.2	-228.5	58.5		
EV/Sales (x)	7.5	5.4	3.6	2.9	2.4		
Debtor days	31	59	39	34	37		
Inventory days	2	1	2	1	2		
Creditor days	24	37	29	29	29		

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: instcompliance@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	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 45-106 Prospectus Exemptions and a "permitted client" as such term is defined in National Instrument 45-106 Prospectus Exemptions. 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