India Equity Research | Consumer Goods June 29, 2020 **Result Update** 

# Emami

Refer to important disclosures at the end of this report

# Steeper decline in domestic business

CMP:	Rs 206
as of (.lu	ne 29 2020)

TP: Rs 240 (∎) 12 months

Rating: HOLD (=)

Upsid<u>e: 16.8 %</u>

#### POLL 2020 We appreciate your support in the Asiamoney Brokers Poll 2020

- Emami's Q4FY20 revenue and EBITDA came in 5% and 31% below estimates at Rs5.3bn and Rs1bn, respectively. The domestic business remained weak as most core brands recorded a steep decline.
- Sales declined 17%, owing to a 19%/4% fall in the domestic/international business. Excluding 7 Oils in One, which grew 5%, the performance across brands was weak, with Boroplus/Male Grooming/Navratna/Healthcare/Kesh King declining 77%/42%/12%/9%/26%.
- Input prices remain soft, which should continue to drive the gross margin expansion. Management hopes to maintain profitability as higher GM and cost savings (~Rs500mn in FY21) may offset the decline in sales.
- Management indicated a healthy pace of recovery in June. However, given lacklustre growth over the last four years, we await overall growth visibility to improve. We maintain Hold with a TP of Rs240.

Steep revenue fall; international shows softer decline: Emami's revenue fell 17%, due to a 19% decline in the domestic and 4% in international business. While most brands showed a drop in sales, 7 Oils in One grew 5%. Pain management also showed a moderate decline of only 5%, while Boroplus/Male Grooming/Navratna/Healthcare/Kesh King fell steeply by 77%/42%/12%/9%/26%. Emami commenced operation from April 10 and is now operating at pre-Covid-19 levels. Though demand looks soft, management indicated several launches under the Creme 21 brand in the global markets and several immunity boosting products in the domestic markets under the Zandu brand. It will step up new launches in ecommerce that are expected to contribute ~4% to the overall sales. June sales are in line with June'19 numbers now so there is a pick-up in demand and after the obvious decline in Q1FY21, management expects to see improvement from Q2 onwards.

Low input prices to drive gross margins: Gross margins expanded by 430bps on low input prices, which are likely to stay soft in FY21. EBITDA margins, however, fell 580bps due to a 16% increase in other costs and 6% rise in employee spends. Management expects menthol and packaging material prices to remain benign and see a further 100bps expansion in gross margin for FY21. Emami expects a total benefit of ~Rs500mn from cost reduction in FY21.

Await improvement in growth visibility; maintain Hold: Management indicated a healthy pace of recovery, with June sales reaching pre-Covid-19 levels. Given lacklustre growth over the last four years, we await overall growth visibility to improve. We maintain Hold with a TP of Rs240, based on 20x Mar-22 EPS.

Please see our sector model portfolio (Emkay Alpha Portfolio): Consumer Goods & Retail (page 7)

#### Financial Snapshot (Consolidated)

(Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
Revenue	26,946	26,549	25,245	28,891	31,687
EBITDA	7,272	6,905	6,966	7,716	8,475
EBITDA Margin (%)	27.0	26.0	27.6	26.7	26.7
APAT	5,012	5,252	4,950	5,507	6,066
EPS (Rs)	10.8	11.3	10.9	12.1	13.4
EPS (% chg)	(1.2)	4.7	(3.8)	11.3	10.1
ROE (%)	24.5	24.6	21.5	21.3	20.6
P/E (x)	19.0	18.1	18.9	16.9	15.4
EV/EBITDA (x)	12.7	12.9	12.4	10.8	9.4
P/BV (x)	4.5	4.2	3.9	3.4	3.0

Source: Company, Emkay Research



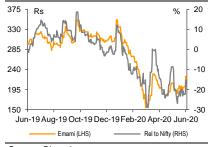
Change in Estimates

Change in Estimates		
EPS Chg FY21E/FY22E	E (%)	(3.2)/1.9
Target Price change (%	)	NA
Target Period (Months)		12
Previous Reco		HOLD
Emkay vs Consensus		
EPS Estin	nates	
	FY21E	FY22E
Emkay	10.9	12.1
Consensus	12.1	13.5
Mean Consensus TP (1	2M)	Rs 258
Stock Details		
Bloomberg Code		HMN IN
Face Value (Rs)		1
Shares outstanding (mr	ı)	450
52 Week H/L		358 / 131
M Cap (Rs bn/USD bn)		93 / 1.22
Daily Avg Volume (nos.	)	9,70,109
Daily Avg Turnover (US	\$ mn)	2.5
Shareholding Pattern	Mar '20	

<b>J</b>	
Promoters	52.7%
FIIs	7.0%
DIIs	31.5%
Public and Others	8.8%

Price Performance										
(%)	1M	3M	6M	12M						
Absolute	5	31	(33)	(31)						
Rel. to Nifty	(2)	10	(20)	(21)						

#### **Relative price chart**



Source: Bloomberg

This report is solely produced by Emkay Global. The following person(s) are responsible for the production of the recommendation:

#### Ashit Desai

ashit.desai@emkayglobal.com +91 22 6612 1340

Emkay Research is also available on www.emkayglobal.com and Bloomberg EMIKAY<GO>. Please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore.

# **Story in Charts**

Exhibit 1: One-year forward P/E band chart

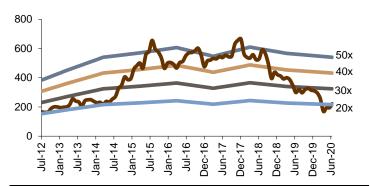
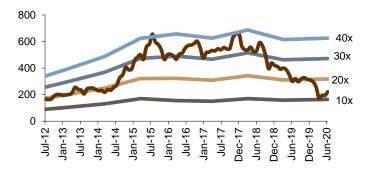


Exhibit 2: One-year forward EV/EBITDA band chart

Source: Company, Emkay Research



Source: Company, Emkay Research

Exhibit 3: Actual vs. Estimates (Q4FY20)

Rsmn	Actual	Esti	mates	% va	riation	Comment
KSIIII	Actual	Emkay	Consensus			Comment
Revenues	5,327	5,629	5,943	-5.4%	-10.4%	Revenue decline due to 19% decline in domestic business
EBITDA	985	1,417	1,416	-30.5%	-30.4%	
EBITDA Margin (%)	18.5%	25.2%	23.8%	-668	-533	Margins decline due to increase in overhead spends
APAT	760	903	744	-16%	2%	

Source: Company, Emkay Research

#### Exhibit 4: Quarterly Performance (Consolidated)

Y/E, Mar (Rs. m)	4QFY19	1QFY20	2QFY20	3QFY20	4QFY20	YoY (%)	QoQ (%)	FY19	FY20	YoY (%)
Revenue	6,404	6,486	6,601	8,126	5,327	-16.8	-34.5	26,946	26,549	-1.5
Expenditure	4,849	5,145	4,671	5,486	4,342	-10.5	-20.9	19,674	19,643	-0.2
Consumption of RM	2,508	2,324	1,999	2,582	1,856	-26.0	-28.1	9,230	8,761	-5.1
as % of sales	39.2%	35.8%	30.3%	31.8%	34.8%			34.3%	33.0%	
Employee Cost	681	773	753	749	721	5.8	-3.7	2,797	2,995	7.1
as % of sales	10.6%	11.9%	11.4%	9.2%	13.5%			10.4%	11.3%	
Advertising & SP	990	1,291	1,049	1,383	989	-0.1	-28.5	4,702	4,711	0.2
as % of sales	15.5%	19.9%	15.9%	17.0%	18.6%			17.4%	17.7%	
Other expenditure	671	757	870	773	776	15.7	0.3	2,945	3,176	7.8
as % of sales	10.5%	11.7%	13.2%	9.5%	14.6%			10.9%	12.0%	
EBITDA	1,554	1,341	1,930	2,640	985	-36.6	-62.7	7,272	6,905	-5.0
Depreciation	810	837	819	856	852	5.2	-0.4	3,253	3,363	3.4
EBIT	744	505	1,111	1,785	133	-82.1	-92.6	4,019	3,542	-11.9
Other Income	166	115	164	156	145	-12.4	-7.0	349	571	63.5
Interest	62	44	93	49	24	-61.2	-51.1	214	210	-1.8
РВТ	848	576	1,182	1,891	254	-70.1	-86.6	4,154	3,903	-6.0
Total Tax	280	177	211	398	-74	-126.3	-118.5	1,009	713	-29.4
PAT	568	399	970	1,493	327	-42.3	-78.1	3,145	3,190	1.4
(Profit)/loss from JV's/Ass/MI	6.4	9.4	11.1	16.0	19.6			-15	-54	
PAT after MI	561	390	959	1,477	234	-45.2	-79.2	3,130	3,136	0.2
Extra ordinary items	-291	-304	-432	-396	-506			-1,784	-2,009	
Adjusted PAT	852	694	1,391	1,873	760	-11.0	-59.3	4,914	5,145	4.7
Adjusted EPS	1.9	1.5	3.1	4.1	1.7	-11.0	-59.3	10.8	11.3	4.7
Margins (%)						(bps)	(bps)			(bps)
Gross	60.8	64.2	69.7	68.2	65.2	430	-310	65.7	67.0	130
EBIDTA	24.3	20.7	29.2	32.5	18.5	-580	-1,400	27.0	26.0	-100
EBIT	11.6	7.8	16.8	22.0	2.5	-910	-1,950	14.9	13.3	-160
EBT	13.2	8.9	17.9	23.3	4.8	-850	-1,850	15.4	14.7	-70
PAT	13.3	10.7	21.1	23.0	14.2	90	-880	18.2	19.4	110
Effective Tax rate	33.0	30.7	17.9	21.1	-29.1	-6,210	-5,010	24.3	18.3	-600

Source: Company, Emkay Research

## Exhibit 5: Revision in Estimates

Y/E, Mar (Rs. mn)		FY21E			FY22E					
	Earlier	Revised	% Change	Earlier	Revised	% Change	Introduced			
Revenues	27,172	25,245	-7.1	29,874	28,891	-3.3	31,687			
EBITDA	7,263	6,966	-4.1	7,690	7,716	0.3	8,475			
EBITDA Margin (%)	26.7	27.6	90 bps	25.7	26.7	100 bps	26.7			
APAT	5,111	4,950	-3.2	5,403	5,507	1.9	6,066			
EPS	11.3	10.9	-3.2	11.9	12.1	1.9	13.4			

Source: Company, Emkay Research

## **Exhibit 6: Relative Valuation**

Commonico	Price	Мсар	Deee	Target	I	EPS (Rs)			P/E (x)		EV /	EBITDA (	x)
Companies	(Rs)	(Rs bn)	Reco	Price (Rs)	FY20E	FY21E	FY22E	FY20E	FY21E	FY22E	FY20E	FY21E	FY22E
Asian Paints	1,692	1,623	Hold	1,625	28.3	28.9	37.0	59.9	58.5	45.7	38.8	36.6	29.3
Berger Paints	502	488	Sell	430	6.8	7.6	9.5	74.3	66.2	52.7	45.5	40.9	33.3
Britannia	3,519	847	Buy	3,960	58.8	70.5	80.1	59.9	49.9	44.0	45.8	37.2	33.0
Colgate	1,389	378	Buy	1,500	30.0	31.2	35.5	46.3	44.5	39.1	31.2	28.7	25.5
Dabur	464	819	Hold	465	8.7	9.8	11.2	53.0	47.3	41.6	45.2	39.0	33.4
Emami	206	93	Hold	240	11.3	10.9	12.1	18.1	18.9	16.9	12.8	12.3	10.7
GCPL	688	703	Hold	600	13.8	15.6	17.6	49.7	44.0	39.0	33.6	30.4	27.2
HUL	2,183	5,125	Hold	2,300	31.2	35.7	42.0	70.0	61.1	52.0	52.8	46.5	39.9
ITC	197	2,425	Hold	245	12.4	10.4	12.8	15.9	19.0	15.4	12.5	14.2	11.4
Marico	346	447	Hold	320	8.3	8.5	9.5	41.7	40.5	36.4	29.8	28.2	25.6
Nestle	16,725	1,613	Sell	15,000	206.8	235.7	275.9	80.9	71.0	60.6	56.3	50.5	43.6
Pidilite	1,385	704	Sell	1,170	23.1	23.6	27.4	60.1	58.6	50.6	43.6	41.6	35.9
Radico Khaitan	363	48	Buy	460	18.9	18.7	22.7	19.3	19.4	16.0	13.8	12.0	10.0
United Breweries	1,006	266	Buy	1,160	16.2	11.8	22.8	62.2	85.1	44.2	30.4	35.5	23.1
United Spirits	584	424	Buy	650	9.7	11.9	15.3	60.3	49.0	38.2	29.5	29.4	23.9

Source: Company, Emkay Research

# Key Financials (Consolidated)

## **Income Statement**

Y/E Mar (Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
Revenue	26,946	26,549	25,245	28,891	31,687
Expenditure	19,674	19,643	18,279	21,175	23,212
EBITDA	7,272	6,905	6,966	7,716	8,475
Depreciation	768	774	1,049	1,160	1,283
EBIT	4,019	3,542	4,716	6,556	7,192
Other Income	349	571	571	628	691
Interest expenses	214	210	300	300	300
РВТ	4,154	3,903	4,987	6,884	7,583
Тах	1,009	713	997	1,377	1,517
Extraordinary Items	1,882	2,116	960	0	0
Minority Int./Income from Assoc.	(29)	(66)	0	0	0
Reported Net Income	3,130	3,136	3,990	5,507	6,066
Adjusted PAT	5,012	5,252	4,950	5,507	6,066

# Balance Sheet

Y/E Mar (Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
Equity share capital	454	454	454	454	454
Reserves & surplus	20,307	21,520	23,694	27,159	30,955
Net worth	20,761	21,974	24,148	27,612	31,409
Minority Interest	(2)	(2)	(2)	(2)	(2)
Loan Funds	1,099	1,132	632	632	632
Net deferred tax liability	185	383	383	383	383
Total Liabilities	22,042	23,487	25,161	28,625	32,422
Net block	16,801	14,937	14,188	14,528	14,745
Investment	1,870	1,870	1,870	1,870	1,870
Current Assets	9,151	10,455	12,783	15,732	19,801
Cash & bank balance	2,034	5,288	7,682	10,845	14,315
Other Current Assets	1,758	1,411	1,394	1,341	1,491
<b>Current liabilities &amp; Provision</b>	6,143	4,139	4,043	3,868	4,358
Net current assets	3,008	6,316	8,739	11,864	15,443
Misc. exp	0	0	0	0	0
Total Assets	22,042	23,487	25,161	28,625	32,422

Y/E Mar (Rs mn)	FY19	FY20	FY21E	FY22E	FY23E
PBT (Ex-Other income) (NI+Dep)	3,805	3,332	4,416	6,256	6,892
Other Non-Cash items	0	0	0	0	0
Chg in working cap	355	145	(30)	39	(110)
Operating Cashflow	6,855	6,747	6,509	7,006	7,539
Capital expenditure	(2,092)	(1,500)	(1,500)	(1,500)	(1,500)
Free Cash Flow	4,763	5,247	5,009	5,506	6,039
Investments	1,266	0	0	0	0
Other Investing Cash Flow	(349)	(571)	(571)	(628)	(691)
Investing Cashflow	(826)	(1,500)	(1,500)	(1,500)	(1,500)
Equity Capital Raised	227	0	0	0	0
Loans Taken / (Repaid)	(2,160)	33	(500)	0	0
Dividend paid (incl tax)	(2,166)	(1,816)	(1,816)	(2,043)	(2,270)
Other Financing Cash Flow	(477)	0	0	0	0
Financing Cashflow	(4,790)	(1,993)	(2,616)	(2,343)	(2,570)
Net chg in cash	1,239	3,254	2,393	3,164	3,470
Opening cash position	795	2,034	5,288	7,682	10,845
Closing cash position	2,034	5,288	7,682	10,845	14,315

Source: Company, Emkay Research

Profitability (%)	FY19	FY20	FY21E	FY22E	FY23E
EBITDA Margin	27.0	26.0	27.6	26.7	26.7
EBIT Margin	14.9	13.3	18.7	22.7	22.7
Effective Tax Rate	24.3	18.3	20.0	20.0	20.0
Net Margin	11.7	12.0	15.8	19.1	19.1
ROCE	19.2	18.1	21.7	26.7	25.8
ROE	24.5	24.6	21.5	21.3	20.6
RoIC	21.7	21.0	30.2	42.6	45.8
Per Share Data (Rs)	FY19	FY20	FY21E	FY22E	FY23E
EPS	10.8	11.3	10.9	12.1	13.4
CEPS	18.2	19.0	15.9	14.7	16.2
BVPS	45.7	48.4	53.2	60.8	69.2
DPS	4.0	4.5	5.3	0.0	0.0
Valuations (x)	FY19	FY20	FY21E	FY22E	FY23E
PER	19.0	18.1	18.9	16.9	15.4
P/CEPS	11.3	10.8	13.0	14.0	12.7
P/BV	4.5	4.2	3.9	3.4	3.0
EV / Sales	3.4	3.4	3.4	2.9	2.5
EV / EBITDA	12.7	12.9	12.4	10.8	9.4
Dividend Yield (%)	1.9	2.2	2.6	0.0	0.0
Gearing Ratio (x)	FY19	FY20	FY21E	FY22E	FY23E
Net Debt/ Equity	0.0	(0.2)	(0.3)	(0.4)	(0.4)
Net Debt/EBIDTA	(0.1)	(0.6)	(1.0)	(1.3)	(1.6
Working Cap Cycle (days)	13.2	14.1	15.3	12.9	13.0
Growth (%)	FY19	FY20	FY21E	FY22E	FY23E
Revenue	6.5	(1.5)	(4.9)	14.4	9.7
EBITDA	1.1	(5.0)	0.9	10.8	9.8
EBIT	(1.6)	(11.9)	33.2	39.0	9.7
PAT	1.9	0.2	27.2	38.0	10.1
Quartarly (Pama)	045740	045730	025730	035730	045730
Quarterly (Rs mn)	Q4FY19	Q1FY20	Q2FY20	Q3FY20	Q4FY20
Revenue	6,404	6,486	6,601	8,126	5,327
	1,554	1,341	1,930 <b>29.2</b>	2,640 <b>32.5</b>	985 18.5
EBITDA	24.2	20.7		32.5	10.5
EBITDA Margin (%)	24.3	<b>20.7</b>			
<b>EBITDA Margin (%)</b> PAT	567	401	971	1,493	321
EBITDA Margin (%)					
EBITDA Margin (%) PAT EPS (Rs)	567	401	971	1,493	321
EBITDA Margin (%) PAT EPS (Rs) Source: Company, Emkay Research	567 <b>1.2</b>	401 <b>0.9</b>	971 <b>2.1</b>	1,493 <b>3.3</b>	321 0.7 Mar-20
EBITDA Margin (%) PAT EPS (Rs) Source: Company, Emkay Research Shareholding Pattern (%)	567 1.2 Mar-19	401 <b>0.9</b> Jun-19	971 2.1 Sep-19	1,493 <b>3.3</b> Dec-19	321 0.7 Mar-20 52.7
EBITDA Margin (%) PAT EPS (Rs) Source: Company, Emkay Research Shareholding Pattern (%) Promoters	567 1.2 Mar-19 62.7	401 0.9 Jun-19 52.7	971 2.1 Sep-19 52.7	1,493 3.3 Dec-19 52.7	321 <b>0.7</b>

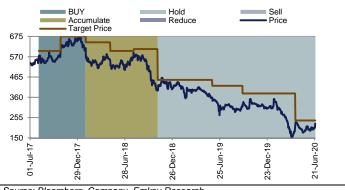
Source: Capitaline

## RECOMMENDATION HISTORY TABLE

Date	Closing Price	ТР	Period (months)	Rating	Analyst
14-Apr-20	227	240	12m	Hold	Ashit Desai
08-Apr-20	222	240	12m	Hold	Ashit Desai
25-Dec-19	304	380	12m	Hold	Ashit Desai
06-Nov-19	327	380	12m	Hold	Ashit Desai
20-Sep-19	324	380	12m	Hold	Ashit Desai
27-May-19	358	420	12m	Hold	Ashit Desai
09-Apr-19	402	450	12m	Hold	Ashit Desai
31-Jan-19	411	450	12m	Hold	Ashit Desai
31-Oct-18	395	450	12m	Hold	Ashit Desai
01-Aug-18	568	610	12m	Accumulate	Ashit Desai
03-May-18	541	600	12m	Accumulate	Ashit Desai
30-Jan-18	571	645	12m	Accumulate	Amit Purohit
26-Oct-17	605	675	12m	Buy	Amit Purohit
03-Aug-17	570	600	12m	Buy	Amit Purohit

Source: Company, Emkay Research

**RECOMMENDATION HISTORY CHART** 



Source: Bloomberg, Company, Emkay Research



Analyst: Ashit Desai

#### **Contact Details**

ashit.desai@emkayglobal.com

+91 22 6612 1340

#### Sector

Consumer Goods & Retail

#### Analyst bio

Ashit Desai holds a PGDM and FRM (US GARP) with 12 years of research experience on the sell side. His team currently covers 24 stocks in the Indian Consumer and Retail space.

# Emkay Alpha Portfolio – Consumer Goods & Retail

EAP s	sector	portfolio
-------	--------	-----------

Company Name	BSE200 Weight	EAP Weight	OW/UW (%)	OW/UW (bps)	EAP Weight (Normalised)
Consumer Goods & Retail	13.24	13.24	0%	0	100.00
Asian Paints	1.35	0.59	-57%	-77	4.45
Berger Paints	0.22	0.00	-100%	-22	0.00
Britannia Industries	0.72	1.23	70%	50	9.28
Colgate-Palmolive	0.33	0.50	52%	17	3.78
Dabur India	0.46	0.38	-18%	-8	2.85
Emami	0.08	0.00	-100%	-8	0.00
Godrej Consumer Products	0.46	0.00	-100%	-46	0.00
Hindustan Unilever	3.42	2.82	-18%	-60	21.30
ITC	2.96	3.64	23%	68	27.50
Marico	0.32	0.27	-14%	-4	2.05
Nestle India	1.06	0.79	-25%	-26	6.00
Pidilite Industries	0.38	0.00	-100%	-38	0.00
Radico Khaitan	0.00	0.30	NA	30	2.26
United Breweries	0.12	0.53	325%	40	4.00
United Spirits	0.00	0.40	NA	40	3.03
Varun Beverages	0.11	0.36	240%	25	2.70
ABFRL	0.07	0.24	234%	17	1.84
Jubilant FoodWorks	0.24	0.27	16%	4	2.07
Page Industries	0.21	0.00	-100%	-21	0.00
Shoppers Stop	0.00	0.00	NA	0	0.00
Titan Company	0.72	0.91	27%	19	6.89
Cash	0.00	0.00	NA	0	0.00

Source: Emkay Research

\* Not under coverage: Equal Weight

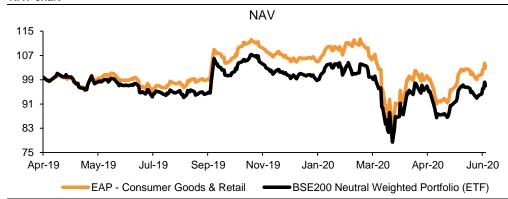
High Conviction/Strong Over Weight High Conviction/Strong Under Weight

#### Sector portfolio NAV

	Base					Latest
	1-Apr-19	25-Sep-19	27-Dec-19	27-Mar-20	28-May-20	26-Jun-20
EAP - Consumer Goods & Retail	100.0	107.8	106.2	90.8	98.0	102.9
BSE200 Neutral Weighted Portfolio (ETF)	100.0	104.2	100.5	86.6	92.8	97.0

\*Performance measurement base date 1<sup>st</sup> April 2019 Source: Emkay Research

#### NAV chart



Source: Emkay Research

Please see our model portfolio (Emkay Alpha Portfolio): SMID

Please see our model portfolio (Emkay Alpha Portfolio): Nifty

"Emkay Alpha Portfolio – SMID and Nifty are a supporting document to the Emkay Alpha Portfolios Report and is updated on regular intervals"

## **Emkay Rating Distribution**

Completed Date: 30 Jun 2020 02:05:11 (SGT) Dissemination Date: 30 Jun 2020 02:06:11 (SGT)

Sources for all charts and tables are Emkay Research unless otherwise specified.

#### GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of Bombay Stock Exchange Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX). EGFSL along with its subsidiaries offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management, insurance broking and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayglobal.com

EGFSL is registered as Research Analyst with SEBI bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any stock exchange nor its activities were suspended by any stock exchange with whom it is registered in last five years, except that NSE had disabled EGFSL from trading on October 05, October 08 and October 09, 2012 for a manifest error resulting into a bonafide erroneous trade on October 05, 2012. However, SEBI and Stock Exchanges have conducted the routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that may be inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject EGFSL or its group companies to any registration or licensing requirement within such jurisdiction. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person. Unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be used by private customers in United Kingdom. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL . All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its Group Companies. The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

• This publication has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research publication relating to any issuer.

• Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets

**Disclaimer for U.S. persons only:** This research report is a product of Emkay Global Financial Services Limited (Emkay), which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account. This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investors. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors.

#### ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associate<sup>1</sup> does not serve as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests<sup>2</sup> in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

<sup>1</sup> An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

<sup>2</sup> Financial interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

#### COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- 1. EGFSL, its subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of June 29, 2020
- 2. EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Research Report
- Disclosure of previous investment recommendation produced:
- EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- 4. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have any material conflict of interest in the securities recommended in this report as of June 29, 2020.
- 5. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the June 29, 2020
- 6. EGFSL, its subsidiaries and/or other affiliates and Research Analyst have not received any compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- 7. EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst have not received any compensation or other benefits from securities recommended in this report (subject company) or third party in connection with the research report.
- 8. Securities recommended in this report (Subject Company) has not been client of EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst during twelve months preceding the June 29, 2020

RESTRICTIONS ON I	DISTRIBUTION
General	This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.
Australia	This report is not for distribution into Australia.
Hong Kong	This report is not for distribution into Hong Kong.
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is not for distribution into Malaysia.
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 16800306E) or DBSVS (Company Regn. No. 1860024G) both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an agreement under Regulation 32C of the financial Advisers Regulations. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.
United Kingdom	This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom. In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating to investments should not rely on this communication.
Dubai International Financial Centre	This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at units 608-610, 6 <sup>th</sup> Floor, Gate Precinct Building 5, PO Box 506538, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.
United Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.
United States	DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

# Emkay Global Financial Services Ltd. CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com