

Dalmia Bharat

Buy

Estimate change TP change Rating change

Bloomberg	DALBHARA IN
Equity Shares (m)	193
M.Cap.(INRb)/(USDb)	231.4 / 3.2
52-Week Range (INR)	1305 / 406
1, 6, 12 Rel. Per (%)	6/26/17
12M Avg Val (INR M)	171

Financial Snapshot (INR b)

- maneral emapering	,,,,,,,,,	· /	
Y/E MARCH	2021E	2022E	2023E
Sales	104.4	119.9	137.1
EBITDA	27.3	27.2	32.0
Adj. PAT	8.3	8.3	12.3
EBITDA Margin (%)	26.2	22.7	23.4
Adj. EPS (INR)	44.6	45.1	66.7
EPS Gr. (%)	288.3	1.2	47.7
BV/Sh. (INR)	594.0	634.9	696.7
Ratios			
Net D:E	0.2	0.1	-0.0
RoE (%)	7.7	7.3	10.0
RoCE (%)	6.3	6.6	9.0
Payout (%)	6.8	7.8	6.1
Valuations			
P/E (x)	27.8	27.5	18.6
P/BV (x)	2.1	2.0	1.8
EV/EBITDA(x)	9.5	9.2	7.2
EV/ton (USD)	112.6	92.6	79.8
Div. Yield (%)	0.2	0.3	0.3
FCF Yield (%)	3.6	4.8	9.4
·			

Shareholding pattern (%)

As On	Dec-20	Sep-20	Dec-19
Promoter	56.1	56.1	54.3
DII	4.0	3.7	6.4
FII	13.5	14.2	14.3
Others	26.4	26.0	25.0

FII Includes depository receipts

Market share gains continue

CMP: INR1,239

Healthy cash flow to aid deleveraging

DBL's 3QFY21 result highlights continued market share gains as volumes grew 14% YoY despite weak demand in the South India, supporting 51% growth in EBITDA.

TP: INR1,495 (+21%)

■ We expect market share gains to continue, supported by ~30% capacity expansion over the next one year. DBL has announced a doubling of capacity in three years to 56mtpa. We await further clarity on the same (expect it to be brownfield and focused in the South and Northeast). We have raised our FY21E/FY22E EPS by 4% each on higher volumes. Reiterate **Buy**.

EBITDA up 51% YoY, net debt-to-EBITDA down to 0.6x

- Revenue/EBITDA/PAT increased 18%/51%/658% YoY in 3QFY21 to INR28.6b/INR6.9b/INR1.8b and was 6%/13%/9% above our estimate. Volume rose 14% YoY to 5.8mt (4% above our estimate), led by market share gains and strong demand in East India. Sales of premium offerings grew 66% YoY.
- While blended realization fell 2% QoQ to INR4,926/t (+4% YoY) due to weak pricing, cost per tonne rose 5% to INR3,734 (-3% YoY), leading to a 19% fall in EBITDA/t to INR1,191 (+33% YoY). Costs were higher due to: 1) an 18% QoQ increase in power and fuel cost to INR860/t on higher petcoke consumption cost (at USD84/t, +18% QoQ), and 2) a 10% increase in other expenses to INR733/t on higher promotion spends.
- Revenue/EBITDA/adjusted PAT stood at INR72.4b/INR20.1b/INR6b in 9MFY21, up 1%/26%/205% YoY, while volume grew 1% to 14.26mt.
- DBL has repaid INR13.8b of debt in 9MFY21 (INR6.26b in 3Q). Gross/net debt stands at INR45.9b/INR14b, with net debt-to-EBITDA at 0.56x.

Management commentary – capacity to double in three years

- Capacity is expected to rise by 26% to 36mtpa by Sep'21 and is set to double to 56mtpa in the next three years. The management aims to be a pan India player as against just having a presence in South and East.
- The new 3mtpa clinker in Odisha commercialized from Oct'20 is operating ~70% utilization, with clinker production cost lower by INR75/t. This commissioning has led to higher interest cost and depreciation.
- Demand in East India remains strong (clocked over 10% growth in 3QFY21). The same is expected to improve in South India. Prices in the East are currently at the lowest in the last 5-6 years and is likely to improve.

Expect 15% volume CAGR in FY21-23E; Buy

- With ~30% capacity growth expected over the next 12 months, DBL is well placed to gain market share in East and West India. We estimate 15% CAGR in volumes in FY21-23E, which should drive 22% EPS CAGR.
- Led by strong FCF, we expect net debt to decline further. Valuation is reasonable at 9.2x FY22E EV-to-EBITDA and EV-to-capacity of USD93/t. Reiterate Buy with a TP of INR1,495/share (at 9x Dec'22E EV-to-EVITDA).

Amit Murarka - Research analyst (Amit.Murarka@motilaloswal.com)

Basant Joshi - Research analyst (Basant.Joshi@motilaloswal.com)

Consolidated quarterly performance (INR m)												
Y/E March		FY2	0			FY:	21		FY20	FY21E	1	Variance
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QFY21E	(%)
Sales Dispatches (mt)	4.55	4.47	5.10	5.17	3.66	4.80	5.80	6.61	19.29	20.87	5.56	4
YoY Change (%)	0.9	8.2	14.1	-7.2	-19.6	7.4	13.7	27.8	3.3	8.2	9.0	
Realization (INR/t)	5,576	5,002	4,741	4,803	5,393	5,021	4,926	4,837	5,015	5,002	4,841	2
YoY Change (%)	6.2	-1.6	-2.1	-5.9	-3.3	0.4	3.9	0.7	-1.2	-0.3	2.1	
QoQ Change (%)	9.3	-10.3	-5.2	1.3	12.3	-6.9	-1.9	-1.8			-3.6	
Net Sales	25,370	22,360	24,180	24,830	19,740	24,100	28,570	31,952	96,740	104,362	26,910	6
YoY Change (%)	7.1	6.5	11.7	-12.6	-22.2	7.8	18.2	28.7	2.0	7.9	11.3	
Total Expenditure	18,710	17,610	19,610	19,750	13,600	17,080	21,660	24,704	75,680	77,044	20,787	4
EBITDA	6,660	4,750	4,570	5,080	6,140	7,020	6,910	7,248	21,060	27,318	6,123	13
Margin (%)	26.3	21.2	18.9	20.5	31.1	29.1	24.2	22.7	21.8	26.2	22.8	
Depreciation	3,420	4,060	4,050	3,750	3,010	3,020	3,290	3,363	15,280	12,683	3,240	
Interest	1,160	1,030	950	1,240	730	730	910	836	4,380	3,206	1,000	
Other Income	440	490	680	560	550	410	460	460	2,170	1,880	400	
PBT before EO Expense	2,520	150	250	650	2,950	3,680	3,170	3,510	3,570	13,310	2,283	39
PBT after EO Expense	2,520	150	250	650	2,950	3,680	3,170	3,510	3,570	13,310	2,283	
Tax	1,000	-210	-10	410	1,070	1,360	1,340	1,288	1,190	5,058	571	
Rate (%)	39.7	-140.0	-4.0	63.1	36.3	37.0	42.3	36.7	33.3	38.0	25.0	
Reported PAT (pre-minority)	1,520	360	260	240	1,880	2,320	1,830	2,222	2,380	8,252	1,712	7
Minority + associate	50	90	20	-20	-20	0	10	10	140	0	40	
PAT Adj. for EO items	1,470	270	240	260	1,900	2,320	1,820	2,212	2,240	8,252	1,672	9
YoY Change (%)	172.1	-2,883.5	-14.3	-88.6	29.3	759.3	658.3	750.8	-27.3	268.4	596.8	

Sales Dispatches (mt)	4.55	4.47	5.10	5.17	3.66	4.80	5.80	6.61	19.29	20.87	5.56 4
YoY Change (%)	0.9	8.2	14.1	-7.2	-19.6	7.4	13.7	27.8	3.3	8.2	9.0
Net realization	5,576	5,002	4,741	4,803	5,393	5,021	4,926	4,837	5,015	5,002	4,841 2
YoY Change (%)	6.2	-1.6	-2.1	-5.9	-3.3	0.4	3.9	0.7	-1.2	-0.3	2.1
RM Cost	930	841	845	998	959	817	826	835	905	850	840 -2
Employee Expenses	380	378	331	317	475	352	303	277	350	336	331 -8
Power, Oil and Fuel	1,020	962	898	747	697	729	860	903	901	815	829 4
Freight and Handling Outward	1,013	924	1,006	983	954	992	1,012	1,021	982	1,000	1,002 1
Other Expenses	769	834	765	776	631	669	733	703	785	691	738 -1
Total Expenses	4,112	3,940	3,845	3,820	3,716	3,558	3,734	3,740	3,923	3,692	3,739 0
FBITDA	1.464	1.063	896	983	1.678	1.463	1.191	1.097	1.092	1.309	1.101 8



Highlights from the management commentary

Operational highlights

- Trade mix/Blended Cement accounted for 65%/78% of sales volume.
- Premium offerings accounted for 18% of trade volume and clocked 60% YoY growth, led by a shift in preference towards branded Cement in rural areas.
- The newly commissioned Rajgangpur clinker unit (3mt) is operating at 70% utilization level.

Cost insights

- Consumption cost of petcoke stood at USD83/t v/s USD70/USD74 per tonne in 2QFY21/3QFY20. Spot rate stands at USD110/t.
- The company is left with some low-cost petcoke inventory and has increased consumption of imported coal, lignite, and green energy fuel to mitigate petcoke cost inflation.
- 3QFY21 witnessed a rise in fly ash and slag cost (up 10%QoQ). Slag prices are expected to remain stable.
- Newly commissioned Rajgangpur clinker unit (3mt) has a cost advantage of INR75/t over market purchase.
- Lead distance stood at 277km.

Demand and pricing outlook

- Demand has remained strong in East India and clocked over 10% growth in 3QFY21. The same is expected to improve in South, led by a pick-up in government demand in Andhra Pradesh and an uptick in infrastructure spending in other states.
- Pricing in East India continues to remain weak, but is expected to improve. In 3QFY21, prices were down 2% QoQ across operating geographies.

Kalyanpur Cements update

- Capacity utilization rose to 62% in 3QFY21 from 35% in 1QFY20. It stood at 72% in Dec'20.
- Profitability has improved 2.5 times since the restart of operations and is now in line with that in East India.
- There was a 25% reduction in variable costs since the restart of operations. The same is expected to improve further with the setting up of WHRS.
- It has helped establish the Dalmia brand in Bihar.

Acquisition of Murli Industries (MIL)

- The acquisition will strengthen its footprint in West India.
- It has incurred a capex of INR500m out of the budgeted outlay of INR4.6bn.
- Commercial production from the integrated unit (3mt GU/2mt clinker) is expected to commence from 2QFY22.

Capacity addition

- Capacity is expected to rise by ~30% in 12-18 months to 37.5mt, led by 4.5mt
 GU addition in East India and commissioning of 3mt GU at MIL.
- DBL aims to be a pan India player and is planning to double capacity to 56mt over the next three years. The plan will be announced post finalization.

Debottlenecking of existing capacities at Bokaro/BCW/KCW/Alsthom by 1.1mt/0.4mt/0.4mt/0.1mt has enhanced total grinding capacity to 28.5mt. It commenced trial runs at BCW in Dec'20.

Capex stood at INR10.8bn in 9MFY21, with unspent budgeted capex for ongoing expansion at INR10b. The same will be spent by 1QFY23. Around 30MW of WHRS is expected to be operational in FY22. The company is also exploring opportunities to set up a solar power plant.

Capital allocation policy

- The management said it will disclose its capital allocation policy with the 4QFY21 result. It added that it will continue to invest for growth in the Cement business.
- It is yet to take a call on the IEX divestment.

Deleveraging in focus

- The company has repaid INR6.3b/INR13.8b in 3Q/9MFY21.
- Gross/net debt stands at INR45.9b/INR14b, with net debt-to-EBITDA at 0.56x.

Other highlights

- The company has completed its internal investigation into the mutual fund fraud. It established that the forgery was undertaken without any proper authorization or collusion. Its MF holdings remain frozen with IL&FS Securities and it is hopeful of receiving the same. It has appointed EY as its internal auditor to strengthen its internal control system.
- DBL has unamortized goodwill of INR6.7b. It believes that the amendment towards non-allowance of depreciation on goodwill is prospective and should not impact past depreciation claims. However, the management is still assessing the impact of the same.
- Incentives accrued in 3Q/9MFY21 stood at INR240m/INR610m.

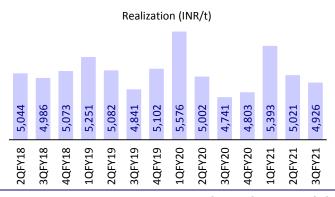
Key exhibits

Exhibit 1: Volumes up ~14% YoY in 3QFY21



Source: Company, MOFSL

Exhibit 2: Blended realizations decline 2% QoQ

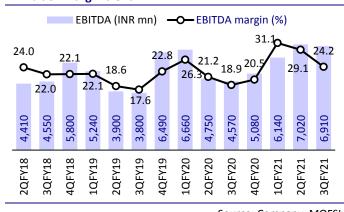


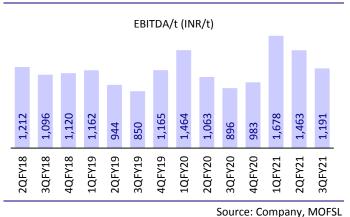
Source: Company, MOFSL

7 February 2021

Exhibit 3: Margin trend

Exhibit 4: Trend in EBITDA/t





Source: Company, MOFSL Source: Com

Exhibit 5: Key operating indicators (incl. Management Services)

Exhibit 5. Key operating maleators (men management services)							
3QFY21	3QFY20	YoY	2QFY21	QoQ			
4,926	4,741	4%	5,021	-2%			
826	845	-2%	817	1%			
303	331	-8%	352	-14%			
860	898	-4%	729	18%			
1,012	1,006	1%	992	2%			
733	765	-4%	669	10%			
3,734	3,845	-3%	3,558	5%			
1,191	896	33%	1,463	-19%			
	3QFY21 4,926 826 303 860 1,012 733 3,734	3QFY21 3QFY20 4,926 4,741 826 845 303 331 860 898 1,012 1,006 733 765 3,734 3,845	3QFY21 3QFY20 YoY 4,926 4,741 4% 826 845 -2% 303 331 -8% 860 898 -4% 1,012 1,006 1% 733 765 -4% 3,734 3,845 -3%	3QFY21 3QFY20 YoY 2QFY21 4,926 4,741 4% 5,021 826 845 -2% 817 303 331 -8% 352 860 898 -4% 729 1,012 1,006 1% 992 733 765 -4% 669 3,734 3,845 -3% 3,558			

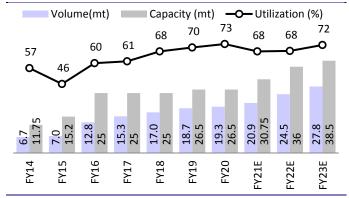
Source: Company, MOFSL

Investment thesis – Buy on 22% EPS CAGR and deleveraging

- Capacity addition in the East to drive volume growth: DBL is expanding its Cement capacity in East India by 8mt (30%) at a capex of USD70/t. The capacity should get commissioned in phases over the next 18 months. A new clinker line of 3mt to support these Cement grinding units has already been commissioned. The company has also acquired Murli Industries, which has Cement capacity of 3mt in Maharashtra and should be operational by Sep'21. It would give DBL an exposure to West India. We expect 15% volume CAGR in FY21-23E, led by market share gains in the region.
- Plan to double capacity provides long term volume growth visibility: The management has announced plans to double capacity to 56mtpa in three years (i.e. by FY24). While plans are still being firmed up, we expect the next leg of capacity growth to happen mostly in South and North East, where the company has the potential for brownfield expansions. DBL also has available limestone leases in North and Central, which should be developed beyond FY24.
- High exposure to the East to keep margin in check: Share of East India in volume mix is estimated to stay elevated ~50%. Given that eastern region will witness the highest capacity addition (30% over next two years) of all regions, this could keep margin in check. We estimate EBITDA/t to fall to INR1,154 in FY23E from INR1,309 in FY21E.
- Expect 22% EPS CAGR over FY21-23E: We estimate 15% volume CAGR in FY21-23E, which should drive 22% EPS CAGR. Led by strong FCF, we expect net debt to decline further. Valuation is reasonable at 9.2x FY22E EV-to-EBITDA and EV-to-capacity of USD93/t. We rate the stock as a Buy with a TP of INR1,495, based on 9x Dec'22E EV-to-EVITDA (implied EV/t of USD100 on FY23E capacity).

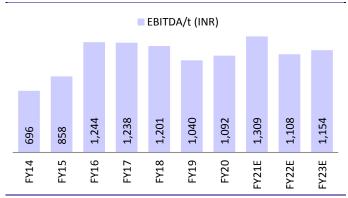
Story in charts

Exhibit 6: Expect ~15% volume CAGR over FY21-23E



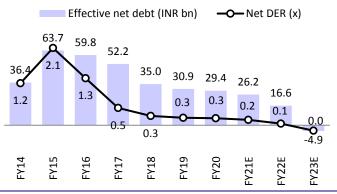
Source: MOFSL, Company

Exhibit 7: Expect EBITDA/t to moderate



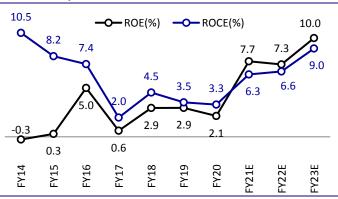
Source: MOFSL, Company

Exhibit 8: Net debt to reduce led by strong OCF



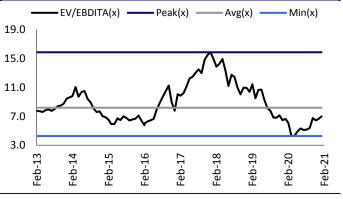
Source: MOFSL, Company

Exhibit 9: Expect return ratios to recover



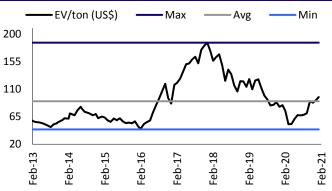
Source: MOFSL, Company

Exhibit 10: EV-to-EBITDA trend



Source: MOFSL, Company

Exhibit 11: EV/t trend



Source: MOFSL, Company

Financials and valuations

Net Sales	Income Statement								(INR m)
Change (%) 82.4 16.2 15.2 10.5 2.0 7.9 14.9 14.4 Margin (%) 24.8 25.4 23.7 20.5 21.8 26.2 22.7 23. Depreciation 5.809 12.260 12.130 12.960 15.280 12.683 13.510 13.67 EBIT 10.107 6.680 8.230 6.460 5.780 14.635 13.675 18.36 Int. and Finance Charges 7.302 8.560 7.080 5.510 4.380 3.206 2.995 2.07 Other Income - Rec. 2.295 2.960 2.740 2.440 2.170 1.880 1.780 1.780 EDE Sepress/(Income) 0 0 0 0 0 0 0 0 DE Tafter EO Exp. 5.100 1.080 3.890 3.390 3.570 13.310 12.460 18.40 EDE Tafter EO Exp. 5.100 1.080 3.893 3.390 3.570 13.310 12.460 18.40 Current Tax 1.323 740 1.080 1.120 1.140 5.058 4.112 6.07 Deferred Tax 1.132 0 1.00 1.120 1.140 5.058 4.112 6.07 Deferred Tax 1.323 740 1.080 1.120 1.140 5.058 4.112 6.07 Deferred Tax 1.324 0 1.00 1.120 1.140 1.40 0 0 PAT Adj. for EO items 1.900 440 2.920 3.090 2.240 8.252 8.348 12.33 Change (%) 1.972.1 7.68 56.36 5.5 27.3 26.44 1.2 47. Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Balance Sheet FY16 FY17 FY18 FY19 FY20 FY21 FY22 FY22 FY23 Equity Share Capital 178 3.85 3.85 3.90 3.90 3.70 3.70 3.70 Total Reserves 45,715 95,905 102,965 106,000 105,220 109,527 117,088 128,52 Net Worth 45,893 96,290 103,350 106,390 105,610 109,897 117,498 128,52 Net Worth 45,893 96,290 103,350 118,80 120,500	y-*								FY23E
Bettro									
Margin (%) 24.8 25.4 23.7 20.5 21.8 26.2 22.7 23.8									14.4
Depreciation									
EBIT 10,107 6,680 8,230 6,460 5,780 14,635 13,675 18,36									23.4
Int. and Finance Charges	•						•		
Other Income - Rec. 2,295 2,960 2,740 2,440 2,170 1,880 1,780 2,12 PBT beft. OC EXP. 5,100 1,080 3,890 3,990 3,570 13,310 12,460 18,40 EO Expense/(Income) 0 0 0 0 0 0 0 0 0 0 PBT after EO Exp. 5,100 1,080 3,890 3,390 3,570 13,310 12,460 18,40 CUrrent Tax 1,323 740 1,080 1,120 1,140 5,058 4,112 6,07 PBT after EO Exp. 5,100 1,080 3,890 3,890 3,570 13,310 12,460 18,40 CUrrent Tax 1,323 740 1,080 1,120 1,140 5,058 4,112 6,07 PBT after EO Exp. 5,100 1,080 1,120 1,140 5,058 4,112 6,07 PBT after EO Exp. 5,100 1,000 1,100 1,000 1,									
PBT bef. EO Exp. 5,100 1,080 3,890 3,990 3,570 13,310 12,460 18,40 EO Expense/(Income) 0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>2,075</td></td<>									2,075
EO Expense/(Income) 0 0 0 0 0 0 0 PBT after EO Exp. 5,100 1,080 3,890 3,390 3,570 13,310 12,460 18,40 Current Tax 1,323 740 1,080 1,120 1,140 5,058 4,112 6,07 Deferred Tax 1,132 0 -100 -1,220 50 0 0 0 Tax Rate (%) 25.9 68.5 27.8 33.0 31.9 38.0 33.0 33. Asported PAT 2,645 340 2,910 3,490 2,280 8,252 8,348 12,33 Minority and Associates -745 100 10 -410 -140 0 0 0 PAT Adj. for EO items 1,900 440 2,920 3,080 2,240 8,252 8,348 12,33 Change (%) 1,972.1 -76.8 563.6 5.5 -27.3 268.4 1.2 47. Margin (%)						· · · · · · · · · · · · · · · · · · ·	•	•	2,120
PBT after ED Exp. 5,100 1,080 3,890 3,390 3,570 13,310 12,460 18,40 Current Tax 1,323 740 1,080 1,120 1,140 5,058 4,112 6,07 Deferred Tax 1,132 0 1-100 1,220 50 0 0 0 Tax Rate (%) 25.9 68.5 27.8 33.0 31.9 38.0 33.0 33. Reported PAT 2,645 340 2,910 3,490 2,380 8,252 8,348 12,33 Minority and Associates 7-45 100 10 10 4-410 1-140 0 0 PAT Adj, for EO items 1,900 440 2,920 3,080 2,240 8,252 8,348 12,33 Change (%) 1,972.1 7-6.8 563.6 5.5 27.3 268.4 1.2 47. Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Shance Sheet YPZ E Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Shance Sheet YPZ E Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Shance Sheet YPZ E Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Shance Capital 178 385 385 390 390 370 370 370 370 Total Reserves 45,715 95,905 102,965 106,000 105,220 109,927 117,088 128,89 Deferred capital investment subsidy 1,439 1,120 1,200 1,200 1,200 1,095,27 117,088 128,89 Deferred Liabilities 16,746 12,860 13,250 11,880 12,050 12,050 12,050 12,050 12,050 10,000 100,000 100,000 100,000 12,000 12,05		•		•					18,409
Current Tax 1,323 740 1,080 1,120 1,140 5,058 4,112 6,07 Deferred Tax 1,132 0 -100 -1,220 50 0 0 Tax Rate (%) 25.9 68.5 27.8 33.0 31.9 38.0 33.0 33. Reported PAT 2,645 340 2,910 3,490 2,380 8,252 8,348 12,33 Minority and Associates -745 100 10 -410 -140 0 0 0 PAT Adj. for E0 items 1,900 440 2,920 3,080 2,240 8,252 8,348 12,33 Change (%) 1,972.1 -76.8 563.6 5.5 -27.3 268.4 1.2 4.7 Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9.8 Balance Sheet FY16 FY17 FY18 FY19 FY20 FY21E FY21E FY22E FY23E Ey23E									0
Deferred Tax	PBT after EO Exp.		1,080	3,890	3,390	3,570	13,310	12,460	18,409
Tax Rate (%) 25.9 68.5 27.8 33.0 31.9 38.0 33.0 33. Reported PAT 2,645 340 2,910 3,490 2,380 8,252 8,348 12,33 Minority and Associates 7-745 100 10 -410 -140 0 0 0 PAT Adj. for EO items 1,900 440 2,920 3,080 2,240 8,252 8,348 12,33 Change (%) 1,972.1 -76.8 563.6 5.5 -27.3 268.4 1.2 47. Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Margin (%) 7.972.1 7.6 8 563.6 5.5 2.7 8 2.6 8.4 1.2 47. Margin (%) 8.85 385 385 385 380 390 370 370 370 370 370 10.4 8 12.8 8 1.2 8	Current Tax						•	•	6,075
Reported PAT 2,645 340 2,910 3,490 2,380 8,252 8,348 12,33 Minority and Associates -745 100 10 -410 -140 0 0 PAT Adj, for EO items 1,900 440 2,920 3,080 2,240 8,252 8,348 12,33 Change (%) 1,972.1 -76.8 563.6 5.5 -27.3 268.4 1.2 47. Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Balance Sheet (INR m Y/E March FY16 FY17 FY18 FY19 FY20 FY21E FY22E FY22 Equity Share Capital 178 385 385 390 390 370 37 70 37 70 37 70 37 70 37 71 71 718 FY19 FY21E FY22E FY22E FY22E FY22E FY21E FY22E FY21E <td>Deferred Tax</td> <td></td> <td>0</td> <td></td> <td></td> <td>50</td> <td></td> <td>0</td> <td>0</td>	Deferred Tax		0			50		0	0
Minority and Associates -745 100 10 -410 -140 0 0 PAT Adj, for EO items 1,900 440 2,920 3,080 2,240 8,252 8,348 12,33 Change (%) 1,972.1 -76.8 563.6 5.5 -27.3 268.4 1.2 4.7 Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Balance Sheet (INR m Y/E March FY16 FY17 FY18 FY19 FY20 FY21E FY22E FY28 Equity Share Capital 178 385 385 390 390 370 370 37 Total Reserves 45,715 95,905 102,965 106,000 105,220 109,927 117,088 128,828 Deferred capital investment subsidy 1,439 1,120 1,200 1,290 1,400 1,400 1,400 1,400 1,400 <t< td=""><td>Tax Rate (%)</td><td>25.9</td><td>68.5</td><td>27.8</td><td>33.0</td><td>31.9</td><td>38.0</td><td>33.0</td><td>33.0</td></t<>	Tax Rate (%)	25.9	68.5	27.8	33.0	31.9	38.0	33.0	33.0
PAT Adj. for EO items 1,900 440 2,920 3,080 2,240 8,252 8,348 12,33 Change (%) 1,972.1 -76.8 563.6 5.5 27.3 268.4 1.2 47. Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Balance Sheet (INR m YE March FY16 FY17 FY18 FY20 FY21E FY22E FY21E FY22E FY21E FY22E FY21E FY22E FY21E FY22E FY21E FY22E FY21E FY21E FY22E FY21E FY22E FY21E FY22E FY21E FY22E FY22E FY21E FY22E FY21E FY22E FY21E FY22E FY21E FY22E FY21E FY22E	Reported PAT		340	2,910	3,490	2,380	8,252	8,348	12,334
Change (%) 1,972.1 -76.8 563.6 5.5 -27.3 268.4 1.2 47. Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Balance Sheet (INR m Y/E March FY16 FY17 FY18 FY19 FY20 FY21E FY22E FY22E FY22E FY22E FY22E FY22E FY22E FY21E FY21E FY22E FY2E FY22E FY22E FY22E FY22E FY22E FY22E FY22E	Minority and Associates	-745	100	10	-410	-140	0	0	0
Margin (%) 3.0 0.6 3.4 3.2 2.3 7.9 7.0 9. Balance Sheet (INR m Y/E March FY16 FY17 FY18 FY19 FY20 FY21E FY22E FY23E Equity Share Capital 178 385 385 390 390 370 370 37 Total Reserves 45,715 95,905 102,965 106,000 105,220 109,527 117,088 128,52 Net Worth 45,893 96,290 103,350 106,390 105,610 109,897 117,458 128,52 Net Worth 45,893 96,290 103,350 106,390 105,610 109,897 117,458 128,52 Deferred Laibilities 16,746 12,860 13,250 11,880 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 <t< td=""><td>PAT Adj. for EO items</td><td>1,900</td><td>440</td><td>2,920</td><td>3,080</td><td>2,240</td><td>8,252</td><td>8,348</td><td>12,334</td></t<>	PAT Adj. for EO items	1,900	440	2,920	3,080	2,240	8,252	8,348	12,334
Second Part	Change (%)	1,972.1	-76.8	563.6	5.5	-27.3	268.4	1.2	47.7
Y/E March FY16 FY17 FY18 FY19 FY20 FY21E FY22E FY22E FY23E FY21E FY22E FY23E FY21E FY22E FY23E FY21E FY22E FY23E FY21E FY22E FY23E	Margin (%)	3.0	0.6	3.4	3.2	2.3	7.9	7.0	9.0
Y/E March FY16 FY17 FY18 FY19 FY20 FY21E FY22E FY22E FY23E FY21E FY22E FY23E FY21E FY22E FY23E FY21E FY22E FY23E FY21E FY22E FY23E									\
Equity Share Capital 178 385 385 390 390 370 370 37 Total Reserves 45,715 95,905 102,965 106,000 105,220 109,527 117,088 128,52 Net Worth 45,893 96,290 103,350 106,390 105,610 109,897 117,458 128,89 Deferred Liabilities 16,746 12,860 13,250 11,880 12,050 <t< td=""><td></td><td></td><td></td><td>E)/4.0</td><td>E1/40</td><td>EVO</td><td>EV04 E</td><td>EV-20-E</td><td></td></t<>				E)/4.0	E1/40	EVO	EV04 E	EV-20-E	
Total Reserves 45,715 95,905 102,965 106,000 105,220 109,527 117,088 128,52 Net Worth 45,893 96,290 103,350 106,390 105,610 109,897 117,458 128,89 Deferred capital investment subsidy 1,439 1,120 1,200 1,290 1,400 1,205 12,505 250 250 250 250 250 250 250 250 250 250 250 250 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Net Worth 45,893 96,290 103,350 106,390 105,610 109,897 117,458 128,89 Deferred capital investment subsidy 1,439 1,120 1,200 1,290 1,400 1,205 12,050	· · · · · · · · · · · · · · · · · · ·								370
Deferred capital investment subsidy 1,439 1,120 1,200 1,290 1,400 1,205 12,550 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 250 250 250 250 250 250 250 250 250 250 250 250 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,040 27,040 12,040 27,040 12,040 27,052 17,037 16,859 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td>								•	
Deferred Liabilities 16,746 12,860 13,250 11,880 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 12,050 250				<u> </u>					
Minority Interest 5,259 -290 -300 110 250 250 250 25 Total Loans 87,672 80,390 72,660 58,780 60,440 47,440 37,440 22,44 Capital Employed 157,009 190,370 190,160 178,450 179,750 171,037 168,598 165,03 Gross Block 130,273 169,740 162,870 166,210 166,440 191,140 202,140 207,84 Less: Accum. Deprn. 6,104 14,580 22,500 30,470 40,890 51,073 62,583 74,75 Net Fixed Assets 124,169 155,160 140,370 135,740 125,550 140,067 139,557 133,08 Capital WIP 2,360 1,280 1,730 5,200 17,400 5,000 5,000 3,00 Current Investment 1,119 990 970 1,090 930 930 930 93 Curr. Assets, Loans and Adv. 26,502 27,920 35,510 <td><u> </u></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td></td> <td></td>	<u> </u>						•		
Total Loans 87,672 80,390 72,660 58,780 60,440 47,440 37,440 22,44 Capital Employed 157,009 190,370 190,160 178,450 179,750 171,037 168,598 165,03 Gross Block 130,273 169,740 162,870 166,210 166,440 191,140 202,140 207,84 Less: Accum. Deprn. 6,104 14,580 22,500 30,470 40,890 51,073 62,583 74,75 Net Fixed Assets 124,169 155,160 140,370 135,740 125,550 140,067 139,557 133,08 Capital WIP 2,360 1,280 1,730 5,200 17,400 5,000 5,000 3,00 Current Investment 1,119 990 970 1,090 930 930 930 93 Curr. Assets, Loans and Adv. 26,502 27,920 35,510 39,300 34,530 35,641 37,807 47,26 Inventory 6,976 6,520							•		12,050
Capital Employed 157,009 190,370 190,160 178,450 179,750 171,037 168,598 165,03 Gross Block 130,273 169,740 162,870 166,210 166,440 191,140 202,140 207,84 Less: Accum. Deprn. 6,104 14,580 22,500 30,470 40,890 51,073 62,583 74,75 Net Fixed Assets 124,169 155,160 140,370 135,740 125,550 140,067 139,557 133,08 Capital WIP 2,360 1,280 1,730 5,200 17,400 5,000 5,000 3,00 Current Investment 25,547 26,410 34,080 23,150 26,980 16,980	·								250
Gross Block 130,273 169,740 162,870 166,210 166,440 191,140 202,140 207,84 Less: Accum. Deprn. 6,104 14,580 22,500 30,470 40,890 51,073 62,583 74,75 Net Fixed Assets 124,169 155,160 140,370 135,740 125,550 140,067 139,557 133,08 Capital WIP 2,360 1,280 1,730 5,200 17,400 5,000 5,000 3,00 Current Investment 25,547 26,410 34,080 23,150 26,980 14,980 14									22,440
Less: Accum. Deprn.6,10414,58022,50030,47040,89051,07362,58374,75Net Fixed Assets124,169155,160140,370135,740125,550140,067139,557133,08Capital WIP2,3601,2801,7305,20017,4005,0005,0003,00Current Investment25,54726,41034,08023,15026,98016,98016,98016,980Non-current Investment1,1199909701,090930930930930Curr. Assets, Loans and Adv.26,50227,92035,51039,30034,53035,64137,80747,26Inventory6,9766,5207,79010,3209,74010,00711,49313,14Account Receivables5,1005,3005,6405,4903,9704,2894,9265,63Cash and Bank Balance2,3361,7503,5404,6904,0304,2993,82110,34Loans and Advances12,09014,35018,54018,80016,79017,04617,56718,14Curr. Liability and Prov.22,68721,39022,50026,03025,64027,58131,67736,22Account Payables18,74519,14020,97023,43023,60025,38029,14933,33Provisions3,9422,2501,5302,6002,0402,2012,5282,89									165,033
Net Fixed Assets 124,169 155,160 140,370 135,740 125,550 140,067 139,557 133,08 Capital WIP 2,360 1,280 1,730 5,200 17,400 5,000 5,000 3,00 Current Investment 25,547 26,410 34,080 23,150 26,980 16,980 16,980 16,98 Non-current Investment 1,119 990 970 1,090 930 930 930 93 Curr. Assets, Loans and Adv. 26,502 27,920 35,510 39,300 34,530 35,641 37,807 47,26 Inventory 6,976 6,520 7,790 10,320 9,740 10,007 11,493 13,14 Account Receivables 5,100 5,300 5,640 5,490 3,970 4,289 4,926 5,63 Cash and Bank Balance 2,336 1,750 3,540 4,690 4,030 4,299 3,821 10,34 Loans and Advances 12,090 14,350 18,540 <td></td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td></td> <td></td> <td>•</td> <td>•</td> <td>207,840</td>				· · · · · · · · · · · · · · · · · · ·			•	•	207,840
Capital WIP 2,360 1,280 1,730 5,200 17,400 5,000 5,000 3,00 Current Investment 25,547 26,410 34,080 23,150 26,980 16,980 16,980 16,98 Non-current Investment 1,119 990 970 1,090 930 930 930 93 97 10,20	·						•	•	74,759
Current Investment 25,547 26,410 34,080 23,150 26,980 19 97 10,300 30 930 930 930 930 930 930 930 930 930 930 930 930 930 930 930 9,300 34,290 13,40 10,007 11,493 13,14 13,14 14,200 </td <td>Net Fixed Assets</td> <td>•</td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td>133,081</td>	Net Fixed Assets	•		•					133,081
Non-current Investment 1,119 990 970 1,090 930 47,26 Inventory 6,976 6,520 7,790 10,320 9,740 10,007 11,493 13,14 Account Receivables 5,100 5,300 5,640 5,490 3,970 4,289 4,926 5,63 Cash and Bank Balance 2,336 1,750 3,540 4,690 4,030 4,299 <td>Capital WIP</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>•</td> <td>•</td> <td>3,000</td>	Capital WIP						•	•	3,000
Curr. Assets, Loans and Adv. 26,502 27,920 35,510 39,300 34,530 35,641 37,807 47,26 Inventory 6,976 6,520 7,790 10,320 9,740 10,007 11,493 13,14 Account Receivables 5,100 5,300 5,640 5,490 3,970 4,289 4,926 5,63 Cash and Bank Balance 2,336 1,750 3,540 4,690 4,030 4,299 3,821 10,34 Loans and Advances 12,090 14,350 18,540 18,800 16,790 17,046 17,567 18,14 Curr. Liability and Prov. 22,687 21,390 22,500 26,030 25,640 27,581 31,677 36,22 Account Payables 18,745 19,140 20,970 23,430 23,600 25,380 29,149 33,33 Provisions 3,942 2,250 1,530 2,600 2,040 2,201 2,528 2,89	Current Investment					26,980	16,980		16,980
Inventory 6,976 6,520 7,790 10,320 9,740 10,007 11,493 13,14 Account Receivables 5,100 5,300 5,640 5,490 3,970 4,289 4,926 5,63 Cash and Bank Balance 2,336 1,750 3,540 4,690 4,030 4,299 3,821 10,34 Loans and Advances 12,090 14,350 18,540 18,800 16,790 17,046 17,567 18,14 Curr. Liability and Prov. 22,687 21,390 22,500 26,030 25,640 27,581 31,677 36,22 Account Payables 18,745 19,140 20,970 23,430 23,600 25,380 29,149 33,33 Provisions 3,942 2,250 1,530 2,600 2,040 2,201 2,528 2,89	Non-current Investment	1,119	990	970	1,090	930	930	930	930
Account Receivables 5,100 5,300 5,640 5,490 3,970 4,289 4,926 5,63 Cash and Bank Balance 2,336 1,750 3,540 4,690 4,030 4,299 3,821 10,34 Loans and Advances 12,090 14,350 18,540 18,800 16,790 17,046 17,567 18,14 Curr. Liability and Prov. 22,687 21,390 22,500 26,030 25,640 27,581 31,677 36,22 Account Payables 18,745 19,140 20,970 23,430 23,600 25,380 29,149 33,33 Provisions 3,942 2,250 1,530 2,600 2,040 2,201 2,528 2,89	Curr. Assets, Loans and Adv.				39,300	34,530	35,641	37,807	47,265
Cash and Bank Balance 2,336 1,750 3,540 4,690 4,030 4,299 3,821 10,34 Loans and Advances 12,090 14,350 18,540 18,800 16,790 17,046 17,567 18,14 Curr. Liability and Prov. 22,687 21,390 22,500 26,030 25,640 27,581 31,677 36,22 Account Payables 18,745 19,140 20,970 23,430 23,600 25,380 29,149 33,33 Provisions 3,942 2,250 1,530 2,600 2,040 2,201 2,528 2,89	Inventory	6,976	6,520	7,790	10,320	9,740	10,007	11,493	13,143
Loans and Advances 12,090 14,350 18,540 18,800 16,790 17,046 17,567 18,14 Curr. Liability and Prov. 22,687 21,390 22,500 26,030 25,640 27,581 31,677 36,22 Account Payables 18,745 19,140 20,970 23,430 23,600 25,380 29,149 33,33 Provisions 3,942 2,250 1,530 2,600 2,040 2,201 2,528 2,89	Account Receivables		5,300		5,490	3,970	4,289	4,926	5,633
Curr. Liability and Prov. 22,687 21,390 22,500 26,030 25,640 27,581 31,677 36,22 Account Payables 18,745 19,140 20,970 23,430 23,600 25,380 29,149 33,33 Provisions 3,942 2,250 1,530 2,600 2,040 2,201 2,528 2,89	Cash and Bank Balance	2,336	1,750	3,540	4,690	4,030			10,344
Account Payables 18,745 19,140 20,970 23,430 23,600 25,380 29,149 33,33 Provisions 3,942 2,250 1,530 2,600 2,040 2,201 2,528 2,89	Loans and Advances	12,090	14,350	18,540	18,800	16,790	17,046	17,567	18,145
Provisions 3,942 2,250 1,530 2,600 2,040 2,201 2,528 2,89	Curr. Liability and Prov.	22,687	21,390	22,500	26,030	25,640	27,581	31,677	36,224
	Account Payables	18,745	19,140	20,970	23,430	23,600	25,380	29,149	33,333
Net Current Assets 3,815 6,530 13,010 13,270 8,890 8,060 6,131 11,04	Provisions	3,942	2,250	1,530	2,600	2,040	2,201	2,528	2,890
	Net Current Assets	3,815	6,530	13,010	13,270	8,890	8,060	6,131	11,042

Appl. of Funds
E: MOFSL estimates

7 February 2021 7

190,160

157,009

190,370

178,450

179,750

171,037

168,598

165,033

Financials and valuations

Ratios								
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E	FY23E
Basic (INR)*								
EPS	21.4	2.3	15.2	15.8	11.5	44.6	45.1	66.7
Cash EPS	86.8	66.0	78.1	82.3	89.8	113.2	118.1	140.6
BV/Share	516.8	500.6	536.2	545.6	541.6	594.0	634.9	696.7
DPS	3.4	2.2	1.7	2.0	2.0	3.0	3.5	4.0
Payout (%)	15.7	96.4	11.2	12.5	17.2	6.8	7.8	6.1
Valuation (x)*								
P/E				78.5	107.9	27.8	27.5	18.6
Cash P/E				15.1	13.8	11.0	10.5	8.8
P/BV				2.3	2.3	2.1	2.0	1.8
EV/Sales				2.8	2.6	2.5	2.1	1.7
EV/EBITDA				13.6	11.9	9.5	9.2	7.2
EV/t (USD)				133	126	113	93	80
Dividend Yield (%)				0.2	0.2	0.2	0.3	0.3
Return Ratios (%)								
ROIC	7.0	1.5	3.8	2.9	2.8	6.6	6.4	8.9
RoE	5.0	0.6	2.9	2.9	2.1	7.7	7.3	10.0
RoCE	7.4	2.0	4.5	3.5	3.3	6.3	6.6	9.0
Working Capital Ratios	,,,				0.0	0.5		5.0
Asset Turnover (x)	0.4	0.4	0.5	0.5	0.5	0.6	0.7	0.8
Inventory (Days)	40	32	33	40	37	35	35	35
Debtor (Days)	29	26	24	21	15	15	15	15
Leverage Ratio (x)					13	13		
Current Ratio	1.2	1.3	1.6	1.5	1.3	1.3	1.2	1.3
Debt/Equity	1.9	0.8	0.7	0.6	0.6	0.4	0.3	0.2
Debt/ Equity	1.9	0.8	0.7	0.0	0.0	0.4	0.5	0.2
Cash Flow Statement								(INR m)
Y/E March	FY16	FY17	FY18	FY19	FY20	FY21E	FY22E	FY23E
OP/(Loss) before Tax	5,100	1,080	3,890	3,390	3,570	13,310	12,460	18,409
Depreciation	5,809	12,260	12,130	12,960	15,280	12,683	13,510	13,676
Interest and Finance Charges	7,302	8,560	7,080	5,510	3,640	3,206	2,995	2,075
Direct Taxes Paid	-304	-190	-860	-240	-660	-5,058	-4,112	-6,075
(Inc.)/Dec. in WC	3,054	-280	-3,590	1,500	2,740	1,103	1,462	1,623
CF from Operations	20,961	21,430	18,650	23,120	24,570	25,244	26,315	29,708
Others	-1,812	-2,680	-2,590	-2,220	-1,190	-1,880	-1,780	-2,120
CF from Operations incl. EO	19,149	18,750	16,060	20,900	23,380	23,364	24,535	27,588
(Inc.)/Dec. in FA	-4,141	-3,920	-3,930	-13,290	-13,450	-14,800	-13,000	-5,200
Free Cash Flow	15,008	14,830	12,130	7,610	9,930	8,564	11,535	22,388
(Pur.)/Sale of Investments	-13,567	1,680	3,950	10,320	-4,970	9,944	-114	-126
Others	616	394			820		1,780	
			1,350	2,870		1,880		2,120
CF from Investments	-17,093	-1,846	1,370	- 100	-17,600	- 2,976	-11,334	-3,206
Issue of Shares	11	-390	40	40	120	-3,290	0 006	14.004
Inc./(Dec.) in Debt	4,129	-9,000	-7,730	-13,870	120	-12,949	-9,896	-14,884
Interest Paid	-8,607	-8,100	-7,620	-5,420	-4,680	-3,206	-2,995	-2,075
Dividend Paid	-534	0	-330	-400	-930	-675	-787	-900
Others Control of the	0	0	0	0	-950	0	0	0
CF from Fin. Activity	-5,002	-17,490	-15,640	-19,650	-6,440	-20,119	-13,678	-17,859
Inc./Dec. of Cash	-2,945	-586	1,790	1,150	-660	269	-477	6,523
Opening Balance	5,281	2,336	1,750	3,540	4,690	4,030	4,299	3,821
Closing Balance	2,336	1,750	3,540	4,690	4,030	4,299	3,821	10,344

Explanation of Investment Rating						
Investment Rating	Expected return (over 12-month)					
BUY	>=15%					
SELL	<-10%					
NEUTRAL	< - 10 % to 15%					
UNDER REVIEW	Rating may undergo a change					
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation					

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Investment Advisory Services, Depository participant services & distribution of various financial products. MOFSL is a subsidiary company of Passionate Investment Management Pvt. Ltd.. (PIMPL). MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (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) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions., however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act" and together with the 1934 Act, the "Acts), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFŠL has entered into a chaperoning agreement with a U.S. registered brokerdealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets Singapore Pte Ltd ("MOCMSPL") (Co.Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "Institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

Specific Disclosures

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months

 MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received any compensation or other benefits from third party in connection with the research report
- MOFSL has not engaged in market making activity for the subject company

9 7 February 2021

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company
- received compensation/other benefits from the subject company in the past 12 months
- other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- 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) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent. This report and information herein is solely for informational purpose and may not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. 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 MOFSL 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 certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 71934200/ 022-71934263; Website www.motilaloswal.com. CIN no.: L67190MH2005PLC153397. Correspondence Office Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad(West), Mumbai- 400 064. Tel No: 022 7188 1000.

Registration Nos.: Motilal Oswal Financial Services Limited (MOFSL)*: INZ000158836(BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412. AMFI: ARN - 146822; Investment Adviser: INA000007100; Insurance Corporate Agent: CA0579;PMS:INP000006712. Motilal Oswal Asset Management Company Ltd. (MOAMC): PMS (Registration No.: INP000000670); PMS and Mutual Funds are offered through MOAMC which is group company of MOFSL. Motilal Oswal Financial Services Limited is a distributor of Mutual Funds, PMS, Fixed Deposit, Bond, NCDs,Insurance Products and IPOs.Real Estate is offered through Motilal Oswal Real Estate Investment Advisors II Pvt. Ltd. which is a group company of MOFSL. Private Equity is offered through Motilal Oswal Private Equity Investment Advisors Pvt. Ltd which is a group company of MOFSL. Research & Advisory services is backed by proper research. Please read the Risk Disclosure Document prescribed by the Stock Exchanges carefully before investing. There is no assurance or guarantee of the returns. Investment in securities market is subject to market risk, read all the related documents carefully before investing. Details of Compliance Officer: Name: Neeraj Agarwal, Email ID: na@motilaloswal.com, Contact No.:022-71881085.

* MOSL has been amalgamated with Motilal Oswal Financial Services Limited (MOFSL) w.e.f August 21, 2018 pursuant to order dated July 30, 2018 issued by Hon'ble National Company Law Tribunal, Mumbai Bench.