

# **Macrotech Developers**

Estimate change	
TP change	<b>←</b>
Rating change	$\leftarrow$

Bloomberg	LODHA IN
Equity Shares (m)	482
M.Cap.(INRb)/(USDb)	436.7 / 5.3
52-Week Range (INR)	1191 / 711
1, 6, 12 Rel. Per (%)	5/-12/-15
12M Avg Val (INR M)	505

#### Financials & Valuations (INR b)

Y/E Mar	FY23	FY24E	FY25E
Sales	94.7	100.2	112.4
EBITDA	20.7	25.7	29.9
EBITDA (%)	21.8	25.6	26.6
Net profit	15.4	15.8	19.4
EPS (Rs)	31.9	32.9	40.4
EPS Growth (%)	27.2	3.0	22.7
BV/Share (Rs)	263.0	289.3	321.6
Ratios			
Net D/E	0.6	0.4	0.1
RoE (%)	12.4	11.9	13.2
RoCE (%)	10.1	8.7	10.7
Payout (%)	0.0	20.0	20.0
Valuations			
P/E (x)	28.5	27.7	22.5
P/BV (x)	3.5	3.1	2.8
EV/EBITDA (x)	24.7	19.1	15.7
Div Yield (%)	0.0	0.7	0.9

#### Shareholding pattern (%)

As On	Mar-23	Dec-22	Mar-22
Promoter	75.0	75.0	82.2
DII	4.4	4.1	1.5
FII	19.0	19.4	14.9
Others	1.6	1.5	1.4

**CMP: INR910** TP: INR1,250 (+37%) Buy

# Operationally in-line; guides for 20% pre-sales growth in FY24

## Pre-sales down 12%YoY in 4QFY23, but exceeds FY23 guidance

- LODHA reported a 12% YoY decline in pre-sales to INR30b (in line). Its residential pre-sales stood at INR29b, down 7% YoY, but flat QoQ. For FY23, total/residential pre-sales were up 33% YoY to INR121b /INR112b and exceeded the guidance of INR115b/INR105b.
- South and Central Mumbai, Eastern suburbs, and Pune primarily contributed to the FY23 growth with increased contribution of INR11b/INR7b/INR6b. Townships reported 16% YoY growth in pre-sales.
- Sales volume dipped 17% YoY to 2.5msf, but increased 16% YoY for FY23 to 9msf. Blended realization improved 14% YoY in FY23 to ~INR12,000 as the company reported 8% L-f-L pricing growth at a portfolio level. In 4QFY23, the company launched 3.7msf of projects and 10.3msf in FY23 of which 3msf were from projects added during FY23.
- In-line with its medium-term target, the company expects to deliver a 20% growth in pre-sales to INR145b in FY24. The growth will be largely driven by INR264b of ready and ongoing inventory and 10.6msf of launches with a GDV of ~INR130b, which can increase further with project additions in FY24.

#### Net-debt down to INR71b with focus on continued reduction

- Gross collections (incl. INR3b of repatriation from the UK) increased 3%/9% YoY/QoQ to INR29b, leading to OCF of INR16b, up 11% YoY. The company spent INR4b on land and approvals and INR2b on interest cost, leading to a surplus of INR9.7b, which led to a reduction in debt to INR71b, in-line with the company's revised guidance.
- In FY23, net collections stood at INR103b and are expected to increase to INR115-120b in FY24, leading to an estimated OCF of INR60b. In FY23, the company added INR198b GDV of projects and spent INR24b. In FY24, management expects to spend similar quantum to add projects with GDV of INR175b, leading to a healthy surplus of ~INR25b for debt reduction.

#### Strong rebound in revenue recognition due to higher completions

- Revenue increased 84% QoQ to INR32b and was 27% above our estimates, due to higher-than-anticipated number of project completions. The overall completions in FY23 stood at 9msf leading to topline of INR95b, flat YoY.
- Although the completion timeline indicates lower area getting delivered in FY24, the company expects to maintain its revenue run-rate from FY23 on the back of pricing growth in its overall portfolio and delivery of higher priced inventory.
- EBITDA declined 11% YoY, but rose almost 2x QoQ to INR7.7b. Adjusted EBITDA came in at INR9.8b, at a margin of 30%. Embedded EBITDA margin for pre-sales in FY23 stood at 32% and is expected to decline to 30% in FY24 led by rising share of JDA projects.
- Adj. PAT increased 38% YoY to INR7.5b, on account of tax reversal and in FY23, it stood at INR15.4b with a margin of 16%

Pritesh Sheth - Research Analyst (Pritesh.sheth@MotilalOswal.com)

MOTILAL OSWAL

#### **Key con-call highlights**

- Walk-ins and conversion: Management highlighted that despite the rate hikes, footfalls have remained strong throughout the year. The company witnessed the highest ever walk-ins of 1L customers in FY23, which is 15% higher than that in FY22. Conversions increased 11%YoY from 6.8% in FY22 to 7.5% in FY23. This, coupled with 8% price growth at portfolio level, enabled the company to deliver 33% growth in bookings in FY23.
- Township segment: Due to the completion of some important infra projects in the near term, the segment is expected to outperform. The company has already witnessed an improvement in traction, evidenced by 45k walk-ins in township projects and a record-high conversion of 10% achieved in FY23
- Annuity business: In order to generate a steady income stream which can support the overall business during the down cycle, management is targeting to gradually grow its annuity income to INR5b by FY26 and INR15b by the end of the decade, driven by a) Warehousing (platform deal done with PE partners), b) Facility management business and c) select grade A commercial office development.

#### Strong visibility on consistent growth; reiterate BUY

- On the back of lower completions and the company's decision to hold on to its annuity assets (v/s earlier plans to monetize), we marginally lower our FY24 revenue, resulting in 6%/15% drop in EBITDA/Adj. PAT.
- The company's future pipeline and sector tailwinds will help to sustain pre-sales growth rate of 20% over the next two to three years. Furthermore, the company's indication on existing profitability assures that the growth will be driven by healthy profitability too.
- At the CMP, the stock trades at par to P/NAV, indicating no premium assigned to growth beyond FY24. We reiterate our Buy rating on the stock with an unchanged TP of INR1,250.

Financial Performance (INR m)

Y/E March		FY2	22			FY2	:3		FY22	FY23	FY23E	Variance
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			4QE	(%/bp)
Gross Sales	16,054	21,238	20,594	34,446	26,758	17,654	17,738	32,554	92,332	94,704	25,717	27
YoY Change (%)	221	135.8	36	36	67	-17	-14	-5	69.5	2.6	-25.3	
Total Expenditure	12,295	17,320	15,737	25,733	22,091	13,414	13,701	24,837	71,085	74,042	19,741	
EBITDA	3,759	3,918	4,858	8,713	4,667	4,240	4,038	7,717	21,247	20,661	5,976	29
Margins (%)	23.4	18.4	23.6	25.3	17.4	24.0	22.8	23.7	23.0	21.8	23.2	
Adj. EBITDA (as per co.)	5,370	7,780	6,980	12,300	9,030	5,250	5,700	9,800	32,430	29,780	7,264	35
Margins (%)	33.5	36.6	33.9	35.7	33.7	29.7	32.1	30.1	35.1	31.4	28.2	
Depreciation	186	184	187	190	196	219	217	296	748	928	180	
Interest	2,451	1,562	1,573	1,218	1,193	1,249	1,176	1,172	6,803	4,791	1,033	13
Other Income	1,070	778	893	719	0	-42	1,286	163	3,460	1,408	30	436
PBT before EO expense	2,191	2,950	3,991	8,023	3,278	2,730	3,931	6,412	17,156	16,350	4,793	34
Extra-Ord expense	0	0	0	0	0	-11,774	0	0	0	-11,774	0	
PBT	2,191	2,950	3,991	8,023	3,278	-9,044	3,931	6,412	17,156	4,576	4,793	34
Tax	588	719	1,131	2,643	559	270	-119	-1,080	5,080	-370	959	
Rate (%)	26.8	24.4	28.3	32.9	17.0	-3.0	-3.0	-16.8	0.3	-0.1	20.0	
MI & Profit/Loss of Asso. Cos.	-5	-2	-3	0	6	16	0	58	-10	80	30	
Reported PAT	1,608	2,234	2,864	5,380	2,713	-9,330	4,050	7,434	12,085	4,866	3,805	95
Adj PAT (as per co.)	1,220	2,870	2,790	5,730	1,200	3,670	3,000	7,500	12,610	15,370	3,805	97
YoY Change (%)	-188	362.9	123	97	-2	28	8	31	270.9	21.9	-33.6	
Margins (%)	7.6	13.5	13.5	16.6	4.5	20.8	16.9	23.0	13.7	16.2	14.8	824bp

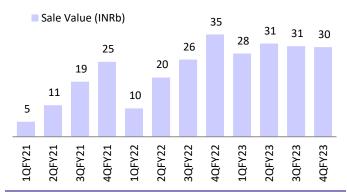
## **Operational Performance**

Key metrics		FY22				FY23			FY22	FY23	FY23E	Variance
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			4QE	(%/bp)
Sale Volume (msf)	0.7	1.8	2.4	3.0	2.2	2.1	2.5	2.5	8.0	9.3	3.0	-16
Sale Value (INRb)	9.6	18.9	26.1	34.6	28.1	31.5	30.7	30.3	90.2	120.6	31.1	-3
Collections (INRb)	17.1	19.1	21.3	28.4	26.2	23.8	26.8	29.3	86.0	106.0	22.5	30
Realization (INR/sft)	11,729	10,483	10,842	10,410	11,027	13,743	11,920	11,680	10,554	12,056	9,427	24

Source: Company, MOFSL

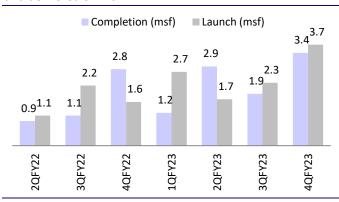
# **Key exhibits**

Exhibit 1: LODHA reported pre-sales of INR30b, down 12% YoY



Source: Company, MOFSL

Exhibit 2: During the quarter, the company launched 3.7msf and delivered 3.4msf



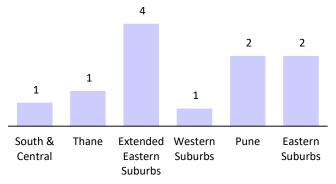
Source: Company, MOFSL

Exhibit 3: Sales momentum sustains across micro-markets in

■ 1QFY23 ■ 2QFY23 ■ 3QFY23 ■ 4QFY23 1111 9 6 6 6 5 2 3 12 South & Thane Extended Western Pune Eastern Central Eastern Suburbs Suburbs Suburbs

MMR with consistent growth from eastern suburbs





Source: Company, MOFSL

Source: Company, MOFSL

Exhibit 5: Launch pipeline for FY24 has a healthy mix of Own/JDA projects

Micro-market	Own/JDA	Area (msf)	Est. GDV (INRb)	No. of Projects
South Central	JDA	0.5	21.7	1
South Central	Own	0.3	13.5	1
Ext. Eastern Suburbs	Own	3.5	22.8	2
Eastern Suburbs	JDA	1.3	21.8	4
Eastern Suburbs	Own	0.3	3.8	1
Western Suburbs	JDA	0.6	8.1	2
Pune	Own	0.6	6.1	2
Pune	JDA	1.8	13.5	3
Thane	Own	1.2	12.6	3
Bengaluru	JDA	0.7	5.5	1
Total		10.8	129.4	20

Source: MOFSL, Company

 $Motilal\ Oswal$  Macrotech Developers

Exhibit 6: The company signed 12 new JDA projects in FY23 with GDV of INR198b

Micro-market	Saleable Area (msf)	Est GDV (INR b)	Launched/ Est. Launch
Signed in FY23			
MMR - South Central	0.5	24	FY23
Pune - North West	3.3	26	FY23
Pune - Central	0.2	4	FY24
MMR - Thane	0.7	8	FY24
MMR - Thane	0.5	6.5	FY23
MMR - Western Suburbs	8.0	12.5	FY23
Bengaluru - North	1.3	12	FY24
MMR - Eastern Suburbs	1.7	43	FY23
MMR - Eastern Suburbs	0.4	11	FY24
MMR - Eastern Suburbs	0.4	11	FY24
Pune - North East	2.6	20	FY23
MMR - Eastern Suburbs	1.5	20	FY24
Total	14	198	

Exhibit 7: Annualized cost inflation for the company's portfolio cooled off since Mar'22

			Mar'21	to Mar'23
Commodity/Component	% Share in total cost	% Change over Mar'21 to Mar'22	% Change	Weighted Impact
Steel	12.9	35.1	12.7	1.6
Flooring Tiles	5.0	23.9	15.3	0.8
Electrical/Plumbing	11.8	10.1	7.3	0.9
Labour	34.4	3.0	4.3	1.5
External Windows	3.9	21.9	8.7	0.3
RMC	11.0	6.3	12.1	1.3
Lifts & Elevators	3.3	16.6	37.7	1.2
Carpentry Materials	3.5	15.5	5.6	0.2
Painting	3.8	13.1	29.9	1.1
Overall		13.7		11.4

Source: Company, MOFSL

Exhibit 8: Collections were healthy at INR29b

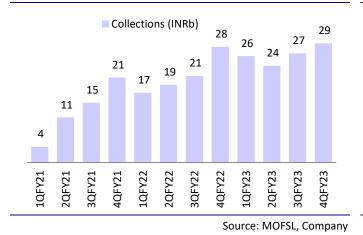
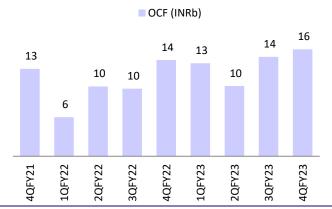
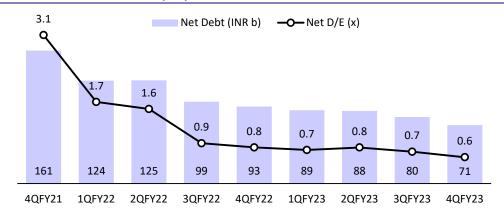


Exhibit 9: The company generated an OCF of INR16b



Source: MOFSL, Company

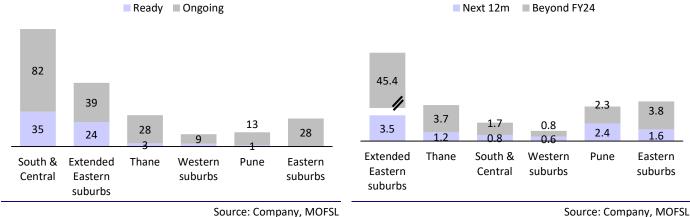
Exhibit 10: Since IPO, the company has seen consistent reduction in net debt



Source: MOFSL, Company

Exhibit 11: Focus on execution led to INR66b of ready inventory, with INR200b of inventory in progress

Exhibit 12: The company has a strong ~80msf of pipeline to be launched in the medium term



Source: Company, MOFSL

Exhibit 14: The company to report 22% CAGR in pre-sales over FY23-25 to INR180b

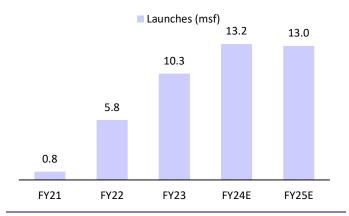
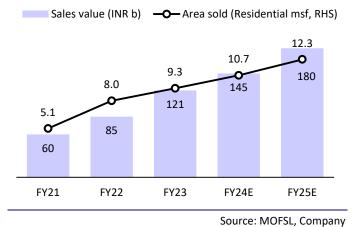


Exhibit 13: Expect launches to further rise from FY24

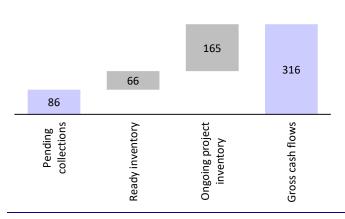
Source: MOFSL, Company

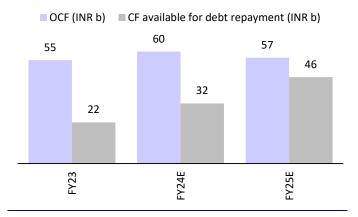


 $Motilal\ Oswal$  Macrotech Developers

Exhibit 15: Over the next 4-5 years, ongoing and completed project pipeline can generate ~INR300b of gross cash inflows

Exhibit 16: Expect the company to generate ~INR60b OCF for the next two years

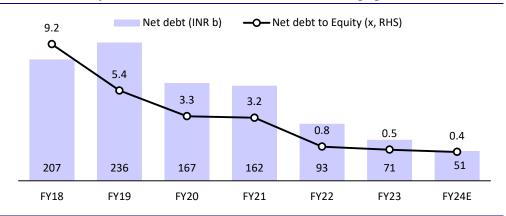




Source: Company, MOFSL

Source: Company, MOFSL

Exhibit 17: Healthy cash flows could enable accelerated deleveraging



Source: MOFSL, Company

**Exhibit 18: Earnings change summary** 

Extribite 201 Eurimings of	nange samm	<del> ,</del>								
		Old			New			Change		
(INR m)	FY23E	FY24E	FY25E	FY23	FY24E	FY25E	FY23E	FY24E	FY25E	
Revenue	95,284	1,03,039	1,12,424	94,704	1,00,184	1,12,424	-1%	-3%	0%	
EBITDA	21,412	27,257	30,267	20,661	25,683	29,919	-4%	-6%	-1%	
Adj. PAT	14,410	18,700	21,040	15,370	15,839	19,441	7%	-15%	-8%	
Pre-sales	1,23,837	1,50,283	1,79,867	1,21,109	1,44,796	1,79,867	-2%	-4%	0%	
Collections	1,01,979	1,19,947	1,29,017	1,00,151	1,15,371	1,27,206	-2%	-4%	-1%	
OCF	51,663	54,978	58,333	55,690	59,848	56,523	8%	9%	-3%	

Source: MOFSL, Company

MOTILAL OSWAL

## **Highlights from management commentary**

#### **Digital Infra**

- Regarding the warehousing platform signed with PE investors, the investment period is expected to be between 3.5 and 4 years and the business will scale up to a mature level by the 5-6<sup>th</sup> year after the deal signing.
- Beyond this too, the company remains positive toward monetizing land parcel worth INR5b each year.

### Sales mix and profitability

- During the quarter, JDA contributed 26% to overall sales and will move to 40% in FY24.
- Sales mix remains largely consistent across categories with 33% coming from RTM, 34% from Ongoing, and 32% from the new launches
- Management expects its RoE (on pro-froma basis) to inch up to 20% in FY24.

### **Pricing trend**

- At a portfolio level, realization growth stood at 8% in FY23.
- The company witnessed good price growth in RTM inventory along with Pune and eastern suburbs projects. Overall, the pricing trend was consistent across segments/markets without much deviation within them.

### Impact of rising rates

- The 1BHK segment has been the most affected by the rising interest rates, but the company was compensated by strong traction observed in 2BHK and above category.
- With interest rates now stabilizing, company expects the lower segments such as the 1BHK to witness a rebound.

## Valuation and view: Profit-led growth trajectory intact; reiterate BUY

- We value LODHA on an SoTP basis: 1) The Residential segment is valued using the DCF of four-year cash flows at a WACC of 12% and a terminal growth rate of 2.5%, 2) the commercial business is valued at a cap rate of 8% for operational assets and DCF for ongoing assets, 3) The Industrial and UK Investment is valued at a present value of future cash flows, discounted at a WACC of 12%.
- We arrive at an NAV of INR602b, assuming a net debt of INR51b in FY24. Applying zero discount to its NAV, we arrive at a TP of INR1,250, indicating a 37% upside potential.

Exhibit 19: Based on our SoTP approach, we arrive at an NAV of INR602b (or INR1,250 per share), implying a 37% upside potential

Particulars			Value (INR b)	Per share	% contribution	% of CMP
Residential	*	DCF of 4 years cash flow at WACC of 12% and terminal value assuming 5% long term growth	546	1,134	91	125
Commercial	*	Cap rate of 8% for operational assets and DCF for ongoing assets	29	61	5	7
Industrial	*	PV of future cash flows discounted at WACC of 12%	69	144	11	16
UK Investment	*	PV of future cash flow discounted at WACC of 12%	8	18	1	2
Gross asset value			653	1,355	108	149
Net debt	*	FY24E	(51)	(105)	-8	-12
Net asset value			602	1,250	100	137
No. of share (m)			481.5			
Price Objective			1,250			
СМР			910			
Upside (%)			37			

Source: MOFSL, Company

# **Financials and valuations**

Consolidated - Income Statement	m	F1/20	= 10.4	= 100	E1/00	F10 4F	(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Total Income from Operations	1,19,070	1,24,426	54,486	92,332	94,704	1,00,184	1,12,424
Change (%)	-12.0	4.5	-56.2	69.5	2.6	5.8	12.2
Total Expenditure	87,399	1,05,223	40,766	71,085	74,042	74,501	82,505
% of Sales	73.4	84.6	74.8	77.0	78.2	74.4	73.4
EBITDA	31,670	19,203	13,720	21,247	20,661	25,683	29,919
Margin (%)	26.6	15.4	25.2	23.0	21.8	25.6	26.6
Depreciation	1,944	3,064	734	748	928	814	846
EBIT	29,726	16,139	12,985	20,499	19,733	24,869	29,073
Int. and Finance Charges	5,556	7,315	11,257	6,803	4,791	3,470	2,680
Other Income	719	1,184	3,231	3,460	1,408	1,342	1,494
PBT bef. EO Exp.	24,889	10,008	4,959	17,156	16,350	22,741	27,887
EO Items	0	56	-4,628	0	-11,774	0	0
PBT after EO Exp.	24,889	10,064	332	17,156	4,576	22,741	27,887
Total Tax	8,449	2,615	-147	5,080	-370	6,822	8,366
Tax Rate (%)	33.9	26.0	-44.4	29.6	-8.1	30.0	30.0
Minority Interest	78	130	77	61	80	80	80
Reported PAT	16,361	7,319	402	12,014	4,866	15,839	19,441
Adjusted PAT	16,361	7,278	7,084	12,014	15,370	15,839	19,441
Change (%)	-8.4	-55.5	-2.7	69.6	27.9	3.0	22.7
Margin (%)	13.7	5.8	13.0	13.0	16.2	15.8	17.3
Consolidated - Balance Sheet							(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Equity Share Capital	3,959	3,959	3,959	4,815	4,815	4,815	4,815
Total Reserves	34,451	41,564	42,031	1,16,235	1,21,809	1,34,480	1,50,032
Net Worth	38,410	45,523	45,990	1,21,050	1,26,624	1,39,295	1,54,847
Minority Interest	5,348	5,192	5,269	568	596	596	596
Total Loans	2,56,406	1,84,232	1,81,669	1,15,367	90,602	63,602	43,602
Deferred Tax Liabilities	-3,206	-935	-2,098	1,911	332	3,557	8,567
Capital Employed	2,96,958	2,34,011	2,30,829	2,38,896	2,18,153	2,07,049	2,07,611
Gross Block	17,704	17,499	17,608	18,318			
Less: Accum. Deprn.	4,877	5,649	6,383	7,130	19,487	20,302	21,148
Net Fixed Assets	12,827	11,851	11,226	11,187	8,059	8,873	9,719
Investment Property	1,933	2,882	2,767	2,650	11,429	11,429	11,429
Goodwill on Consolidation	6,627	5,477	5,471	5,388	1,539	1,539	1,539
Capital WIP	63	63	63	0	5,303	5,303	5,303
Total Investments	14,050	15,529	15,794	5,740	0	0	0,303
Curr. Assets, Loans&Adv.	4,59,933	3,70,188	3,55,663	3,59,824	2,460	2,380	12,300
Inventory	4,15,124	2,90,314	2,83,007	2,73,583	2,400	2,300	12,500
Account Receivables	4,13,124	7,943	6,545	6,461	3,70,816	3,78,267	3,90,011
Cash and Bank Balance	6,575	1,870	3,668	12,457	3,01,167	3,04,670	3,14,172
Loans and Advances	33,390	70,061	62,442	67,322	7,393	4,117	4,620
Curr. Liability & Prov.	1,98,475	1,71,979	1,60,153	1,45,892	18,242	10,467	12,206
Account Payables Other Current Liabilities	22,631	22,728	16,978	15,087	44,013	59,013	59,013
Other Current Liabilities	1,75,490	1,49,012	1,42,963	1,30,581	1,73,393	1,91,868	2,12,970
Provisions	354	239	212	224	20,962	19,213	21,561
Net Current Assets	2,61,457	1,98,210	1,95,509	2,13,932	1,52,129	1,72,353	1,91,107
Misc Expenditure	0	0	0	0	302	302	302
Appl. of Funds	2,96,958	2,34,011	2,30,829	2,38,896	1,97,422	1,86,399	1,77,041

E: MOFSL Estimates

# **Financials and valuations**

Ratios								
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)								
EPS	45.1	41.3	18.4	17.9	25.0	31.9	32.9	40.4
Cash EPS	55.2	46.2	26.1	19.7	26.5	33.8	34.6	42.1
BV/Share	56.1	97.0	115.0	116.2	251.4	263.0	289.3	321.6
DPS	0.0	0.0	0.0	0.0	0.0	0.0	6.6	8.1
Payout (%)	0.0	0.0	0.0	0.0	0.0	0.0	20.0	20.0
Valuation (x)								
P/E	23.8	25.9	58.3	59.9	43.0	28.5	27.7	22.5
Cash P/E	19.4	23.2	41.0	54.3	40.4	26.9	26.3	21.6
P/BV	19.1	11.0	9.3	9.2	4.3	3.5	3.1	2.8
EV/Sales	4.8	5.7	4.9	11.1	6.7	5.4	4.9	4.2
EV/EBITDA	19.6	21.3	31.6	43.9	29.1	24.7	19.1	15.7
Dividend Yield (%)	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9
FCF per share	16.5	-14.2	94.6	63.9	41.7	57.4	59.7	82.0
Return Ratios (%)								
RoE	80.5	54.0	17.3	15.5	14.4	12.4	11.9	13.2
RoCE	16.4	7.4	4.4	10.2	7.3	10.1	8.7	10.7
RoIC	17.5	7.9	4.8	8.8	6.7	10.2	8.9	10.8
Working Capital Ratios								
Fixed Asset Turnover (x)	8.0	6.7	7.1	3.1	5.0	4.9	4.9	5.3
Asset Turnover (x)	0.6	0.4	0.5	0.2	0.4	0.4	0.5	0.5
Inventory (Days)	1,057	1,273	852	1,896	1,082	1,161	1,110	1,020
Debtor (Days)	20	15	23	44	26	28	15	15
Creditor (Days)	58	69	67	114	60	81	70	70
Leverage Ratio (x)								
Current Ratio	1.9	2.3	2.2	2.2	2.5	2.1	2.0	1.8
Interest Cover Ratio	7.6	5.4	2.2	1.2	3.0	4.1	7.2	10.8
Net Debt/Equity	10.0	6.5	4.0	3.9	0.9	0.6	0.4	0.2
Consolidated - Cash Flow Stateme	ant							(INR m)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
OP/(Loss) before Tax	27,095	24,889	10,007	4,959	17,156	4,576	22,741	27,887
Depreciation	3,979	1,944	3,064	734	748	928	814	846
Interest & Finance Charges	29,349	30,032	31,119	25,246	19,923	13,890	7,710	5,360
Direct Taxes Paid	-5,647	-3,116	-821	857	-1,778	-2,110	-3,597	-3,356
(Inc)/Dec in WC	-47,652	-59,476	-4,112	-1,218	-7,271	-1,091	3,249	11,097
CF from Operations	7,124	-5,726	39,257	30,579	28,778	16,194	30,917	41,833
Others	-164	1,095	-1,525	-5,339	-2,500	11,306	-1,342	-1,494
CF from Operating incl EO	6,960	-4,632	37,732	25,239	26,278	27,499	29,575	40,339
(Inc)/Dec in FA	-416	-991	-292	65	78	149	-814	-846
Free Cash Flow	6,544	-5,622	37,439	25,304	26,356	27,648	28,761	39,493
(Pur)/Sale of Investments	-5,583	-300	-2,822	-176	1,491	6,817	0	-10,000
Others	-553	-552	5,231	4,310	9,820	10,812	1,342	1,494
CF from Investments	-6,552	-1,843	2,117	4,199	11,389	17,778	528	-9,352
Issue of Shares	0	0	0	0	63,466	100	0	0
Inc/(Dec) in Debt	30,454	37,050	-11,362	-10,325	-72,916	-25,393	-27,000	-20,000
Interest Paid	-30,214	-29,691	-30,534	-18,027	-19,427	-11,756	-7,710	-5,360
Dividend Paid	0	0	0	0	0	0	-3,168	-3,888
Others	0	0	0	0	0	-6	0	0
CF from Fin. Activity	239	7,359	-41,896	-28,351	-28,878	-37,054	-37,878	-29,248
Inc/Dec of Cash	647	885	-2,047	1,087	8,789	8,223	-7,775	1,739
Opening Balance	1,858	2,552	3,525	1,185	3,668	12,457	20,680	12,905
Closing Balance	2,505	3,437	1,479	2,272	12,457	20,680	12,905	14,644
	_,555	٥, ١٠,	-, ., .	_,_,_	,	_5,555	,500	- 1,0 1 4

# NOTES

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 be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

Disclosures 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, Depository participant services & distribution of various financial products. 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 <a href="http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf">http://onlinereports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf</a>

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 transactions. Details of pending Enquiry Proc llaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx Enquiry Proceedings

A graph of daily closing prices of securities is available at <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com">www.bseindia.com</a>. 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.

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., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

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 Actions and Paragraph 11 of First Schedule of Financial Actions and Paragraph 11 of First Schedule of Financial Actions and Paragraph 12 of First Schedule of Financial Actions and Paragraph 12 of First Schedule of Financial Actions and Paragraph 12 of First Schedule of Financial Actions and Paragraph 12 of First Schedule of Financial Actions and Paragraph 12 of First Schedule of Financial Actions and Paragraph 12 of First Schedule of Financial Actions and Paragraph 12 of First Schedule of Financial Actions and Paragraph 13 of First Schedule of Financial Actions and Paragraph 14 of First Schedule of Financial Actions and Paragraph 15 of First Schedule of Financial Actions and Paragraph 15 of First Schedule of Financial Actions and Paragraph 15 of First Schedule of Financial Actions and Paragraph 15 of First Schedule of Financial Actions and Paragraph 15 of First Schedule of Financial Actions and Paragraph 16 of First Schedule of Financial Actions and Paragraph 17 of First Schedule of Financial Actions and Paragraph 18 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Paragraph 19 of First Schedule of Financial Actions and Para 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 6
- 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 8
- 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

#### The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public
- received compensation/other benefits from the subject company in the past 12 months
- 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.
- 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.
- Served subject company as its clients during twelve months preceding the date of distribution of the research report.

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

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263; www.motilaloswal.com.

Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No::022-40548085.

Grievance Redressal Cell.						
Contact Person	Contact No.	Email ID				
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com				
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com				
Mr. Ajay Menon	022.40548083	am@motilaloswal.com				

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN .: 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.