Oberoi Realty (OBEREA)

CMP: ₹ 858 Target: ₹ 910 (6%) Target Period: 12 months

Research

October 18, 2022

Thane launch key near term trigger for sales volumes

About the stock: Oberoi Realty (ORL) is a Mumbai-focused premium real estate developer with a presence in the residential, commercial and hospitality segments.

 Residential portfolio of ~15.7 mn sq ft of ongoing projects and launches provides healthy growth and cash flow visibility over the medium term

Q2FY23 Results: ORL reported healthy sales value led by traction at Worli project.

- The sales value was at ₹ 1156 crore, up ~39% YoY, 52% QoQ, largely led by Worli Project (sold eight units worth ₹ 610 crore). We highlight that pricing of Worli 83181/sq feet has also shown ~63% increase than the last sale (recorded in FY21). In terms of overall sales volume, the company managed to sell 3.7 lakh sq ft area during Q2FY23, down 16% YoY
- Reported revenues were down 8.7% YoY at ₹ 688.6 crore. The decline was owing to lower residential segment revenue recognition, which was at ₹ 556.3 crore, down 17% YoY. EBITDA, at ₹ 310.4 crore, was down 16.8% YoY. Thus, reported EBITDA margins were down 439 bps YoY to 45.1% due to project, revenue mix. PAT was at ₹ 318.6 crore, up 19.5% YoY, given higher profit from share of JV (Worli Project)

What should investors do? ORL's share price has grown at \sim 14% CAGR over the past five years.

 We maintain HOLD rating on the company. Further value accretion is expected to be seen with new foray into non MMR and society redevelopment projects. Thane launch also remains a key monitorable

Target Price and Valuation: We value ORL at ₹ 910/share.

Key triggers for future price performance:

- Uniquely positioned in MMR's premium residential segment; eyeing opportunities beyond MMR region over medium term
- Launch of Thane project, which will propel sales volume trajectory
- Strong cash flow visibility from ongoing and planned projects

Alternate Stock Idea: Besides ORL, we like Brigade in the real estate space.

- · A play on strong portfolio of assets in southern market
- BUY with a target price of ₹ 595





Particulars	
Particular	₹ crore
Market Capitalization	29,119
Total Debt (FY22)	2,855
Cash & Inv (FY22)	2,991
EV	28,983
52 week H/L (₹)	1089 / 726
Equity capital	363.6
Face value (₹)	10.0

Shareholding pattern								
	Dec-21	Mar-22	Jun-22	Sep-22				
Promoters	67.7	67.7	67.7	67.7				
DII	8.6	8.9	9.8	9.8				
Flls	20.5	20.3	19.4	19.4				
Other	3.3	3.1	3.1	3.1				



Key Risks

Key Risk: (i) Any slowdown in residential real estate; (ii) addition of new projects which may boost visibility

Research Analyst

Bhupendra Tiwary, CFA bhupendra.tiwary@icicisecurities.com

Lokesh Kashikar lokesh kashikar@icicisecurities.com

₹ crore	FY21	FY22	5 yr CAGR (FY17-22)	FY23E	FY24E	FY25E	3 yr CAGR (FY22-25E)
Net Sales	2052.6	2694.0	19.3%	3157.9	4805.5	5637.7	27.9%
EBITDA	1000.4	1181.3	15.7%	1456.7	2353.6	3020.9	36.7%
EBITDA Margin (%)	48.7	43.9		46.1	49.0	53.6	
Net Profit	739.3	1047.1	22.8%	1244.4	1711.8	2275.0	29.5%
EPS (₹)	20.3	28.8		34.2	47.1	62.6	
P/E (x)	42.2	29.8		25.1	18.2	13.7	
EV/EBITDA (x)	28.9	24.5		19.7	12.0	9.0	
RoE (%)	7.9	7.8		7.9	11.9	13.4	
RoCE (%)	9.1	9.0		9.8	14.3	16.1	

Key business highlight and outlook

Thane to drive volumes ahead

ORL reported sales value of ₹ 1,156 crore, up ~39% YoY, 52% QoQ, led by healthy traction witnessed in Three Sixty West, Worli (sold eight units worth ₹ 610 crore) and Enigma (Mulund) (₹ 131 crore; up 32% YoY). Rest of the projects saw muted growth. Pricing wise, we noticed that Three Sixty West, Worli Project has registered massive ~63% growth to ₹ 82,181/sq ft than the last sale (recorded in FY21), while rest of its projects witnessed decent 4-12% YoY growth. In terms of overall sales volume, the company managed to sell 3.7 lakh sq ft area during Q2FY23, down 16% YoY. Going forward, the company is looking to launch a new project in Thane during Q3FY23. Additionally, the management is planning to launch subsequent phase of Borivali/Goregaon in H2FY23, given the lower available inventory now in these locations. On a healthy base of 2.1 million sq feet (msf) sales volume in FY22, we bake 2.6 msf, 2.7 msf, and 3 msf volumes in FY23E, FY24E and FY25E, respectively, with Borivali, Thane, Goregaon volumes are driving the same along with pick-up in Worli.

Hospitality, retail remain robust

Revenue for Westin Mumbai Garden City project doubled during Q2FY23 on a YoY basis to ₹ 34.1 crore largely backed by marked improvement witnessed in average room rates (to ₹ 7,891 in Q2FY23 vs ₹ 3,637 in Q2FY22). Also, the occupancy remained elevated at 82.7% (vs. 83.7% in Q2FY22). Commerz-I revenues improved 6.2% YoY (to ₹ 7.6 crore) aided by improved occupancy level (to 56.8%) and rise in rents. For Commerz-II, revenue dropped 10% YoY (to ₹ 28.8 crore) primarily due to decline in occupancy level (to 81.1%). The management expects occupancies in Commerz-II to improve in the near-to-medium term with uptick in demand for office space. For Oberoi Mall, the company booked revenue of ₹ 34.7 crore during Q2FY23 (vs. ₹ 3.8 crore reported in Q2FY22) with normalisation in mall operations. Commerz-III, having ~2.4 mn sq ft area (1,5 msf leased out to Morgan Stanley), is under construction and likely to get completed by FY23-end. For this project, the company is in discussions with large occupiers and expects leasing momentum to pick up, going forward.

Key conference call takeaways

- The healthy sales witnessed in Three Sixty West project is mainly backed by strong underlying demand, completion of construction work on-site, and receipt of occupation certificate (OC) during June 2022. Till now, the project has attracted booking of 7,14,691 sq ft (worth ₹ 3,293.6 crore), while it still has inventory of 15,67,655 sq ft. Going forward, the management expects a pick-up in momentum in sales to continue with receipt of OC, minimal competitions/inventories, and strong pipeline of enquiries. Additionally, it is targeting realisation of ~₹ 1,00,000-1,10,000 /sq ft on carpet area for new sales
- The company had planned launch of Thane project during the festive season of Q2FY23. However, it faced the issue of eco-sensitive zone (cropped up during August 2022), which delayed the launch. Currently, the problem has now resolved from the government side and the management expects to launch Thane projects (both Pokhran Road and Kolshet) during Q3FY23 with receipt of necessary/pending approvals (the show flats are ready for Pokhran Road). Peddar Road, Mumbai project is currently under designing stage
- ORL has been chosen as the preferred developer for few redevelopment projects and expects to close those deal in the near future. The company also highlighted an SRA project (next to its existing Borivali– Sky City project) where 95% of site is vacated and cleared. The company is planning to construct a commercial building on this land parcel and the execution work is likely to commence soon
- ORL has undertaken 5-10% price hikes across its major projects with effect from October 10, 2022 owing to significant rise in input prices and approvals costs

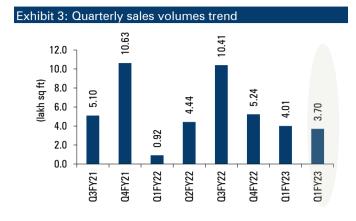
We expect sales momentum in H2FY23 to be robust driven by new launches in Thane and Goregaon/Borivali subsequent phases. We maintain HOLD with a target price of ₹ 910/share. Further value accretion will be seen once new foray into non MMR and society redevelopment projects are seen (awaited for a long time) and incorporated in NAV.

Exhibit 1: Variance	Analysis	5					
	Q2FY23	Q2FY23E	Q2FY22	YoY (Chg %)	Q1FY23	QoQ (Chg %)	Comments
Income from Operation	688.6	944.0	754.3	-8.7	913.1	-24.6	Topline miss owing tolower revenue recognisation in residentia segment
Other Income	23.2	25.0	14.3	62.6	21.7	6.9	
Operating Cost	335.2	380.0	344.0	-2.6	381.3	-12.1	
Employee cost	20.7	20.0	15.6	33.0	18.2	14.0	
Other expenditure	22.3	35.0	21.5	3.3	21.5	3.7	
EBITDA	310.4	509.0	373.1	-16.8	492.2	-36.9	
EBITDA Margin (%)	45.1	53.9	49.5	-439 bps	53.9	-882 bps	
Depreciation	10.1	10.0	10.1	-0.7	9.8	2.8	
Interest	36.3	34.0	17.1	112.0	32.6	11.4	
PBT	287.3	490.0	360.2	-20.2	471.5	-39.1	
Taxes	69.2	125.0	95.4	-27.4	113.7	-39.1	
PAT	318.6	400.0	266.6	19.5	403.1	-21.0	
Key Metrics							
Sales Volume (in sq ft)	3,70,414		4,43,704	-16.5	4,01,182	-7.7	
Sales value (₹ crore)	1,156		829	39.5	761	51.8	

Source: Company, ICICI Direct Research

Exhibit 2: Change in	estimates								
	FY22		FY23E			FY24E		FY25E	
(₹ Crore)		Old	New 9	% Change	Old	New 9	% Change	New	
Revenue	2694.0	3475.9	3157.9	-9.1	4775.5	4805.5	0.6	5637.7	Realign estimates
EBITDA	1181.3	1487.1	1456.7	-9.1	2140.1	2353.6	0.6	3020.9	
EBITDA Margin (%)	43.9	42.8	46.1	335 bps	44.8	49.0	416 bps	53.6	
PAT	1047.1	1181.6	1244.4	5.3	1470.6	1711.8	16.4	2275.0	
EPS (₹)	28.8	32.5	34.2	5.3	40.4	47.1	16.4	62.6	

Company Analysis



Source: Company, ICICI Direct Research

3.5 3.0 2.7 3.0 2.6 2.5 2.1 1.5 2.0 1.7 0.4 8.3 0.5 1.5 0.7 0.8 1.0 0.7 0.3 0.4 0.5 8.0 0.0 FY20E FY21E FY22E FY23E FY24E FY25E

■ Worli ■ Mulund

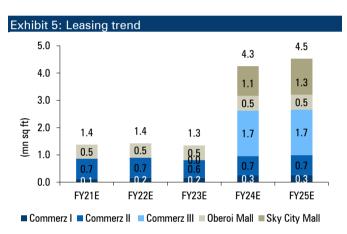
■ Thane

Exhibit 4: Sales volumes in H2FY23 to be driven by Thane

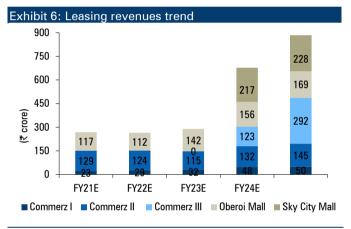
Source: Company, ICICI Direct Research

Andheri/Borivali

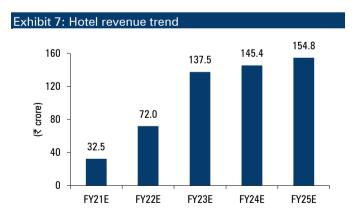
■ Goregaon



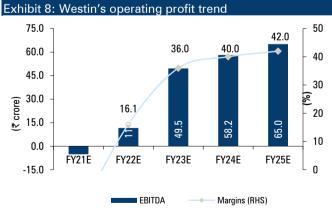
Source: Company, ICICI Direct Research



Source: Company, ICICI Direct Research



Source: Company, ICICI Direct Research





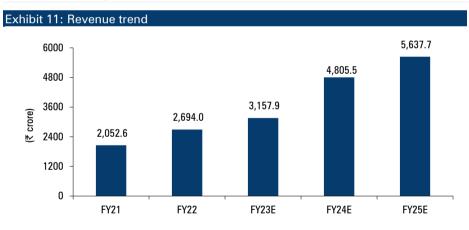
	045/60	0.457/00	0.057/00	0.051/00
U2FY23	U1FY23	U4FY22	U3FY22	Q2FY22
 	5728	45267	44055	100672
				14635
				-9562
			/3444	27417
			40500	4000
				40000
<mark></mark>				64710
				13287
				7296
3,70,414	4,01,182	5,24,291	10,40,679	4,43,704
- i				
	16.8	116.5	107.4	238.9
-	•			33.3
609.6	-			(38.6
	21 Q		118 9	44.5
		-		
57.0		101 4	- 76 N	- 59.7
				98.8
				96.6 246.4
134.0	303.2	194.0	1,133.9	145.7
i !				
	29,399	25,734	24,385	23,729
		28,052	19,542	22,754
83,181				40,316
18,163	18,170	15,815	15,765	16,213
i I				
15,667	15,912	15,392	15,338	14,925
I 15,851	15,470	15,223	15,023	15,268
19,547	18,484	18,296	18,027	18,540
21,338	21,508			19,974
Ī				
				100.0
		100.0	100.0	100.0
		*	*	
71.0	66.0	63.0	61.0	56.0
100.0	100.0	100.0	100.0	100.0
81.0	75.0	71.0	71.0	69.0
78.0	72.0	69.0	67.0	66.0
90.0 I	90.0	87.0	84.0	83.0
*	*	*	*	4
2105	2105	7022	E3100	97247
				16174
				1631374
· · · · · · · · · · · · · · · · · · ·				
				273240
				637
1020550				1342850
	46			
970516 496002	1054270 600730	1104702 739233	1186320 923610	1254783 1147183
	18,163 15,667 15,851 19,547 21,338 100.0 100.0 100.0 100.0 100.0 81.0 78.0 90.0	0 5728 0 0 73281 0 0 0 73281 0 0 0 0 0 0 0 0 0	0	Q2FY23



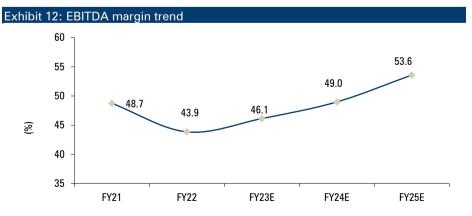
	0.2FY23	Q1FY23	Q4FY22	0.3FY22	0.2FY22
Oberoi Mall (Retail Property)					
Operating Revenue (₹ crore)	34.7	37.6	80.3	24.7	3.8
EBITDA margin (%)	95.5	95.6	95.5	94.2	50.3
Occupancy (%)	96.2	96.0	95.0	96.2	94.6
Realisation (₹/sqft/month)	218	236	NA	NA	NA
Commerz I (Commercial Space)	¦ ;				
Operating Revenue (₹ crore)	7.6	7.8	7.3	7.1	7.1
EBITDA margin(%)	89.2	77.6	91.0	91.5	91.6
Occupancy (%)	56.8	53.5	53.5	53.5	53.5
Realisation (₹/sqft/month)	142	155	145	142	142
Commerz II Phase I (Commercial Space)	¦				
Operating Revenue (₹ crore)	28.8	27.2	27.2	32.5	32.1
EBITDA margin(%)	92.8	92.3	92.1	95.3	94.7
Occupancy (%)	81.1	80.9	80.9	97.4	97.4
Realisation (₹/sqft/month)	151	143	143	142	140
The Westin Mumbai Garden City (Hospitality)					
Operating Revenue (₹ crore)	34.1 <mark> </mark>	34.8	22.8	24.9	16.4
EBITDA margin(%)	32.5	39.0	24.4	23.9	16.6
Average Room Rate (₹)	9546	9116	7166	6918	4378
Occupancy (%)	82.7	91.3	74.7	72.2	83.7
RevPAR (₹)	7891	8236	5397	5001	3637

Source: Company, ICICI Direct Research

Financial story in charts



Source: Company, ICICI Direct Research



Valuation

We maintain HOLD rating on the company with a target price of ₹ 910. Further value accretion will be seen once new foray into non MMR and society redevelopment projects are seen. Launch of Thane will be the other key monitorable for ORL.

Location	Туре	Status	NAV	NAV Multiple	Value (₹ cr)	₹/share
Goregaon			10,000.4		10,000.4	275.0
Oberoi Mall	Retail	Completed	2,140.1	1.0	2,140.1	58.9
Commerz I	Commercial	Completed	328.0	1.0	328.0	9.0
Westin	Hotel	Completed	1,089.4	1.0	1,089.4	30.0
Exquisite I	Residential	Ongoing	208.5	1.0	208.5	5.7
Esquire	Residential	Ongoing	602.9	1.0	602.9	16.6
Commerz II	Commercial	Ongoing	-	1.0	-	<u>-</u>
Elysian	Residential	Ongoing	1,516.5	1.0	1,516.5	41.7
Commerz III	Commercial	Planned	4,003.1	1.0	4,003.1	110.1
Social Infrastructure	Social Infrastructure		111.9	1.0	111.9	3.1
Andheri/Borivali			6,452.1		6,452.1	177.5
Oberoi Maxima	Residential	Ongoing	114.6	1.0	114.6	3.2
Oberoi Prisma	Residential	Ongoing	3.0	1.0	3.0	0.1
Oberoi Splendour IT park	Commercial	Planned	73.6	1.0	73.6	2.0
Oberoi Splendour school	Social Infrastructre	Planned	14.7	1.0	14.7	0.4
Borivali	Residential	Ongoing	3,118.8	1.0	3,118.8	85.8
Borivali	Mall	Planned	3,127.5	1.0	3,127.5	86.0
Worli			6,712.3		6,712.3	184.6
Oasis Residential	Residential	Ongoing	4,731.0	1.0	4,731.0	130.1
Oasis Hospitality	Hotel	Ongoing	604.0	1.0	604.0	16.6
I-Ventures	Residential	Planned	1,377.2	1.0	1,377.2	37.9
Thane	Residential	Planned	5,753.6	1.0	5,753.6	158.2
Thane (Kolshet)	Residential	Planned	466.2	1.0	466.2	12.8
Mulund			2,021.0		2,021.0	55.6
Eternia	Residential	Ongoing	885.7	1.0	885.7	24.4
Enigma	Residential	Ongoing	1,023.8	1.0	1,023.8	28.2
Mulund Commercial	Commercial	Planned	111.4	1.0	111.4	3.1
Pune			63.9		<u>-</u>	-
Sangam city - Residential	Residential	Planned	0.6	-	-	-
Sangam city - Commercial	Commercial	Planned	33.7	-	-	-
Sangam city - Retail	Retail	Planned	29.7	-	<u>-</u>	-
Net cash/ (Debt)			(1,200.0)	1.0	(1,200.0)	(33.0)
Total			30,269.4	1.0	30,205.5	831
Premium for growth (10%)						83
Rounded off Target price	***************************************	***************************************				910

Financial Summary

xhibit 14: Profit and loss	s statement			₹ crore
(Year-end March)	FY22	FY23E	FY24E	FY25E
Net Sales	2,694.0	3,157.9	4,805.5	5,637.7
Other Operating Income	0.0	0.0	0.0	0.0
Total Operating Income	2,694.0	3,157.9	4,805.5	5,637.7
Growth (%)	31.2	17.2	52.2	17.3
Operating Costs	1,349.6	1,512.4	2,232.9	2,362.3
Employee Expenses	68.4	75.2	82.7	91.0
Other Expenses	94.6	113.5	136.3	163.5
Total Operating Expenditure	1,512.6	1,701.2	2,451.9	2,616.8
EBITDA	1,181.3	1,456.7	2,353.6	3,020.9
Growth (%)	18.1	23.3	61.6	28.4
Depreciation	39.8	101.7	151.7	201.7
Interest	86.0	171.3	171.3	171.3
Other Income	58.5	50.0	50.0	50.0
PBT	1,114.0	1,233.7	2,080.6	2,697.9
Prior Period Adjustments	0.0	0.0	0.0	0.0
Total Tax	306.5	320.8	541.0	701.5
PAT before profit from associates	807.5	912.9	1,539.6	1,996.5
Minoriy Interest	0.0	0.0	0.0	0.0
Profit from associates	239.6	331.4	172.1	278.6
PAT	1,047.1	1,244.4	1,711.8	2,275.0
EPS (₹)	28.8	34.2	47.1	62.6

Source: Company, ICICI Direct Research

Exhibit 15: Cash flow state	Exhibit 15: Cash flow statement						
(Year-end March)	FY22	FY23E	FY24E	FY25E			
Profit after Tax	1,047.1	1,244.4	1,711.8	2,275.0			
Depreciation	39.8	101.7	151.7	201.7			
Interest	86.0	171.3	171.3	171.3			
Others	-298.1	-381.4	-222.1	-328.6			
Net Increase in Current Assets	-1,209.0	16.5	-1,584.2	-748.9			
Net Increase in Current Liabilities	1,278.4	0.0	0.0	0.0			
Net cf from operating activities	944.3	1,152.5	228.5	1,570.5			
(Purchase)/Sale of Fixed Assets	-1,322.2	-860.7	408.4	-343.4			
Others	-298.1	-381.4	-222.1	-328.6			
Net cf from Investing Activities	-2,019.8	-479.3	630.6	-14.8			
Inc / (Dec) in Equity Capital	109.0	0.0	0.0	0.0			
Inc / (Dec) in Loan Funds	1,321.7	0.0	0.0	0.0			
(Payment) of Dividend & Div. Tax	-109.1	-145.4	-290.9	-290.9			
Interest paid	-86.0	-171.3	-171.3	-171.3			
Net cf from Financing Activities	1,235.5	-316.8	-462.2	-462.2			
Net Cash flow	160.0	356.4	396.8	1,093.5			
Opening Cash/Cash Equivalent	133.1	293.2	649.5	1,046.4			
Closing Cash/ Cash Equivalent	293.2	649.5	1,046.4	2,139.8			

Source: Company, ICICI Direct Research

Exhibit 16: Balance Sheet				₹ cror
(Year-end March)	FY22	FY23E	FY24E	FY25E
Equity Capital	363.6	363.6	363.6	363.6
Preference Capital	0.0	0.0	0.0	0.0
Reserve and Surplus	10,052.5	11,151.5	12,572.4	14,556.5
Total Shareholders funds	10,416.1	11,515.1	12,936.0	14,920.1
Total Debt	2,855.5	2,855.5	2,855.5	2,855.5
Total Liabilities	15,666	16,765	18,186	20,170
Assets				
Gross Block	1,291.7	2,541.7	3,791.7	5,041.7
Less Accumulated Depreciation	311.9	413.6	565.2	766.9
Net Block	979.8	2,128.1	3,226.4	4,274.8
Capital WIP	3,297.4	2,908.1	1,249.7	343.1
Total Fixed Assets	4,277.2	5,036.2	4,476.1	4,617.9
Goodwill on consolidation	0.0	0.0	0.0	0.0
Investments	2,697.5	2,697.5	2,697.5	2,697.5
Inventory	5,036.1	4,526.5	4,527.9	4,527.9
Debtors	124.6	344.2	444.2	444.2
Loans and Advances	2,568.8	2,842.1	4,325.0	5,073.9
Cash	293.2	649.5	1,046.4	2,139.8
Other Current Assets	666.0	666.0	666.0	666.0
Total Current Assets	8,688.6	9,028.5	11,009.5	12,851.9
Creditors	2,393.4	2,393.4	2,393.4	2,393.4
Provisions	0.8	0.8	0.8	0.8
Net Current Assets	6,294.4	6,634.2	8,615.2	10,457.6
Deferred Tax Assets	2.5	2.5	2.5	2.5
Total Assets	15,666	16,765	18,186	20,170

Exhibit 17: Key ratios				
(Year-end March)	FY22	FY23E	FY24E	FY25E
Per share data (₹)				
EPS	28.8	34.2	47.1	62.6
Cash EPS	29.9	37.0	51.2	68.1
BV	286.5	316.7	355.8	410.3
Operating profit per share	36.0	44.4	71.7	92.0
Cash Per Share	8.1	17.9	28.8	58.9
Operating Ratios (%)				
EBITDA Margin	43.9	46.1	49.0	53.6
PBT / Net Sales	41.4	39.1	43.3	47.9
PAT Margin	30.0	28.9	32.0	35.4
Inventory days	682	523	344	293
Debtor days	17	40	34	29
Creditor days	324	277	182	155
Return Ratios (%)				
RoE	7.8	7.9	11.9	13.4
RoCE	9.0	9.8	14.3	16.1
RoIC	16.4	16.7	20.4	22.4
Valuation Ratios (x)				
P/E	29.8	25.1	18.2	13.7
EV / EBITDA	24.5	19.7	12.0	9.0
EV / Net Sales	10.8	9.1	5.9	4.8
Market Cap / Sales	10.8	9.2	6.1	5.2
Price to Book Value	3.0	2.7	2.4	2.1
Solvency Ratios (x)				
Debt / EBITDA	2.4	2.0	1.2	0.9
Debt / Equity	0.3	0.2	0.2	0.2
Current Ratio	3.5	3.5	4.2	4.5
Quick Ratio	1.4	1.6	2.3	2.6

RATING RATIONALE

ICICI Direct endeavours to provide objective opinions and recommendations. ICICI Direct assigns ratings to its stocks according -to their notional target price vs. current market price and then categorizes them as Buy, Hold, Reduce and Sell. The performance horizon is two years unless specified and the notional target price is defined as the analysts' valuation for a stock

Buy: >15%

Hold: -5% to 15%;

Reduce: -15% to -5%;

Sell: <-15%



Pankaj Pandey

Head - Research

pankaj.pandey@icicisecurities.com

ICICI Direct Research Desk, ICICI Securities Limited, 1st Floor, Akruti Trade Centre, Road No 7, MIDC, Andheri (East) Mumbai – 400 093 research@icicidirect.com



ANALYST CERTIFICATION

I/We, Bhupendra Tiwary, CFA, MBA, Lokesh Kashikar, MMS, Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report. It is also confirmed that above mentioned Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months and do not serve as an officer, director or employee of the companies mentioned in the report.

Terms & conditions and other disclosures:

ICICI Securities Limited (ICICI Securities) is a full-service, integrated investment banking and is, inter alia, engaged in the business of stock brokering and distribution of financial products.

ICICI Securities is Sebi registered stock broker, merchant banker, investment adviser, portfolio manager and Research Analyst. ICICI Securities is registered with Insurance Regulatory Development Authority of India Limited (IRDAI) as a composite corporate agent and with PFRDA as a Point of Presence. ICICI Securities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. ICICI Securities is a subsidiary of ICICI Beautities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. ICICI Securities is a subsidiary of ICICI Beautities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. ICICI Securities is a subsidiary of ICICI Beautities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. ICICI Securities is a subsidiary of ICICI Securities is a sub

ICICI Securities is one of the leading merchant bankers/ underwriters of securities and participate in virtually all securities trading markets in India. We and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our investment Research Department. ICICI Securities and its analysts, persons reporting to analysts and their relatives are generally prohibited from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover.

Recommendation in reports based on technical and derivative analysis centre on studying charts of a stock's price movement, outstanding positions, trading volume etc as opposed to focusing on a company's fundamentals and, as such, may not match with the recommendation in fundamental reports. Investors may visit icicidirect.com to view the Fundamental and Technical Research Reports.

Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein.

ICICI Securities Limited has two independent equity research groups: Institutional Research and Retail Research. This report has been prepared by the Retail Research. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the Institutional Research.

The information and opinions in this report have been prepared by ICICI Securities and are subject to change without any notice. 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 of ICICI Securities. While we would endeavour to update the information herein on a reasonable basis, ICICI Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent ICICI Securities from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or ICICI Securities policies, in circumstances where ICICI Securities might be acting in an advisory capacity to this company, or in certain other circumstances.

This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall 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. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. ICICI Securities will not treat recipients as customers by virtue of their receiving this report. 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. The recipient should independently evaluate the investment misks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICICI Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice.

ICICI Securities or its associates might have managed or co-managed public offering of securities for the subject company or might have been mandated by the subject company for any other assignment in the past twelve months.

ICICI Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or comanaging public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction.

ICICI Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past

ICICI Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. ICICI Securities or its associates or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither ICICI Securities nor Research Analysts and their relatives have any material conflict of interest at the time of publication of this report.

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

ICICI Securities or its subsidiaries collectively or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report.

Since associates of ICICI Securities and ICICI Securities as a entity are engaged in various financial service businesses, they might have financial interests or actual/ beneficial ownership of one percent or more or other material conflict of interest various companies including the subject company/companies mentioned in this report.

ICICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Neither the Research Analysts nor ICICI Securities have been engaged in market making activity for the companies mentioned in the report

We submit that no material disciplinary action has been taken on ICICI Securities by any Regulatory Authority impacting Equity Research Analysis activities.

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 ICICI Securities and affiliates 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.