

# **India Cements**

Estimate change	<b>←</b>
TP change	<b>←</b>
Rating change	<b>←</b>
	, ,

Bloomberg	ICEM IN
Equity Shares (m)	308
M.Cap.(INRb)/(USDb)	75.1 / 0.9
52-Week Range (INR)	277 / 167
1, 6, 12 Rel. Per (%)	-7/1/2
12M Avg Val (INR M)	960

### Financial Snapshot (INR b)

Y/E MARCH	FY24E	FY25E	FY26E
Sales	52.5	56.0	58.7
EBITDA	1.6	6.8	7.3
Adj. PAT	-2.1	1.9	2.4
EBITDA Margin (%)	3.1	12.1	12.4
Adj. EPS (INR)	-6.8	6.2	7.7
EPS Gr. (%)	n/m	n/m	24.0
BV/Sh. (INR)	175.6	181.9	189.1
Ratios			
Net D:E	0.5	0.5	0.4
RoE (%)	-3.8	3.5	4.2
RoCE (%)	-0.2	4.3	4.8
Payout (%)	0.0	8.1	13.0
Valuations			
P/E (x)	n/m	38.8	31.3
P/BV (x)	1.4	1.3	1.3
EV/EBITDA(x)	n/m	15.1	13.7
EV/ton (USD)	79	77	76
Div. Yield (%)	0.0	0.2	0.4

## Shareholding pattern (%)

As On	Dec-23	Sep-23	Dec-22
Promoter	28.4	28.4	28.4
DII	8.9	10.0	9.9
FII	13.6	13.4	13.1
Others	49.1	48.5	48.6

FII Includes depository receipts

CMP: INR242 TP: INR185 (-24%) Sell

# Weak volume and higher cost led earnings miss

### Capacity utilization was ~51% vs. 56% in 3QFY23

- India Cements (ICEM) reported EBITDA of INR490m (vs. estimated INR895m) in 3QFY24. Sales volume declined ~9% YoY (15% miss) to 2mt. Its blended EBITDA/t stood at INR247 (vs. estimated INR383). Adjusted net loss stood at INR345m (vs. estimated INR130m net loss).
- Management highlighted that cement prices have improved in 3Q, which led to better NPR for the company. However, sales volume was adversely impacted due to working capital crunch. The company continues to focus on lowering variable cost and improving NPR. During the quarter, the company successfully sold a ship for a profit of INR262m (shown as exceptional) and in Jan'24, it acquired a new ship.
- We cut our FY24E earnings (EBITDA cut ~20%), considering lower-thanexpected volume and profitability; however, we reiterate our FY25/FY26 estimates. We reiterate our Sell rating on the stock with a TP of INR185 (premised on 11x FY26E EV/EBITDA).

### Volumes declined 9% YoY; realization was up 6% QoQ

- ICEM's revenue declined 11% YoY to INR11b in 3QFY24 (14% below our estimate). Sales volume declined 9% YoY to 2mt (15% below our estimate). Blended realization/t was up ~6% QoQ to INR5,450 (cement realization/t was also up ~6% QoQ).
- Opex/t declined 12% YoY, led by a 20%/6% YoY drop in variable cost/freight costs. However, other expenses/t increased 10% YoY. OPM stood at 4.5% (est. ~7%). Interest costs declined 2% YoY, whereas 'other income' grew 328% YoY. Depreciation increased 5% YoY. ICEM reported an adjusted net loss of INR345m (adjusted for profit on the sale of a ship) vs. a net loss of INR1.4b in 3QFY23.
- In 9MFY24, revenue declined 6% YoY to INR37b due to a 1%/5% decline in volume/realization/t. EBITDA stood at INR622m vs. an operating loss of INR1.3m in 9MFY23. Net loss stood at INR1.9b vs. INR3.5b in 9MFY23.

## Highlights from the management commentary

- Cement prices in the Tamil Nadu market was weak, owing to reduced demand over the past few months, due to factors such as excessive rains, a transporters' strike, and the Pongal festivals. Cement demand is expected to increase in Feb-Mar'24 in the south region, which may also drive improvement in cement prices.
- Fuel costs stood at INR2/kcal vs. INR2.04/kcal in 2QFY24. Fuel cost is estimated to decline to INR1.9/Kcal in 4QFY24, considering the existing carrying inventory.
- For Shipping/Windmill/RMC, revenue stood at INR23m/INR10m/INR293m. It reported EBITDA of INR23m in RMC and operating loss of INR7m/1m in Shipping/Windmill.

Sanjeev Kumar Singh - Research analyst (Sanjeev.Singh@MotilalOswal.com)

## Valuation expensive; reiterate Sell

■ ICEM lost a significant market share (800bp+ over FY10-23) due to a lack of capacity additions. We expect its market share loss in the south to continue, given capacity additions by peers.

■ Net debt stood at INR27b vs. INR28b as of Sep'23. We would monitor the progress on divestment of non-core assets (land). ICEM's current valuation at 15x/13.7x FY25E/FY26E EV/EBITDA appears expensive. We reiterate Sell with a TP of INR185, premised on 11x FY26E EV/EBITDA.

Standalone quarterly performance												(INR b)
Y/E March		FY2	3			FY2	24		FY23	FY24E	FY24	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	(%)
Sales Volumes (mt)	2.7	2.3	2.2	2.8	2.7	2.4	2.0	3.0	9.9	10.0	2.3	(15)
Change (YoY %)	37.4	(4.5)	3.5	4.8	(0.2)	5.1	(9.0)	6.7	9.1	1.0	7.0	
Realization (INR/ton)	5,413	5,566	5,589	5,244	5,225	5,157	5,450	5,215	5,439	5,251	5,392	1
Change (YoY %)	3.0	10.4	6.3	0.1	(3.5)	(7.4)	(2.5)	(0.6)	4.7	(3.5)	(3.5)	
Change (QoQ %)	3.3	2.8	0.4	(6.2)	(0.4)	(1.3)	5.7	(4.3)			4.6	
Net Sales	14.5	12.5	12.2	14.6	13.9	12.2	10.8	15.5	53.8	52.5	12.6	(14)
Change (YoY %)	41.4	5.4	10.0	4.9	(3.7)	(2.6)	(11.3)	6.1	14.2	(2.5)	3.2	
EBITDA	0.3	(0.9)	(0.7)	(0.4)	0.1	0.1	0.5	1.0	(1.7)	1.6	0.9	(45)
Margin (%)	2.1	(7.3)	(5.7)	(3.0)	0.4	0.7	4.5	6.6	(3.2)	3.1	7.1	
Depreciation	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	2.1	2.2	0.5	4
Interest	0.6	0.7	0.6	0.5	0.6	0.6	0.6	0.6	2.3	2.4	0.6	1
Other Income	0.1	0.0	0.0	0.2	0.1	0.1	0.2	0.0	0.3	0.3	0.1	111
PBT before EO expense	(0.7)	(2.1)	(1.8)	(1.3)	(1.0)	(1.0)	(0.5)	(0.1)	(5.9)	(2.6)	(0.2)	NM
Extra-Ord. expense	-	-	(2.9)	1.1	-	-	(0.3)	-	(1.8)	(0.3)	-	
PBT	(0.7)	(2.1)	1.1	(2.4)	(1.0)	(1.0)	(0.2)	(0.1)	(4.1)	(2.3)	(0.2)	NM
Tax	(1.5)	(0.7)	0.2	(0.2)	(0.2)	(0.2)	(0.1)	0.0	(2.2)	(0.5)	(0.0)	
Rate (%)	205.7	33.5	20.5	10.1	23.9	17.6	31.3	(14.9)	53.7	20.0	17.6	
Reported PAT	0.8	(1.4)	0.9	(2.2)	(0.8)	(0.8)	(0.2)	(0.1)	(1.9)	(1.9)	(0.1)	NM
Tax	(1.5)	-	-	(0.2)	-	-	-	-	(1.7)	-	-	
Adj. PAT	(0.7)	(1.4)	(1.4)	(1.2)	(8.0)	(0.8)	(0.3)	(0.1)	(4.7)	(2.1)	(0.1)	NM
Change (YoY %)	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	
Margin (%)	(5.0)	(11.0)	(11.7)	(7.9)	(5.4)	(6.7)	(3.2)	(0.9)	(8.7)	(4.0)	(1.0)	
Per tonne analysis												(INR/t)
RM Cost	769	1,042	945	1,043	1,068	918	989	923	947	973	950	4
Employee Expenses	340	394	443	294	345	416	434	365	362	386	413	5
Power, Oil, and Fuel	2,370	2,709	2,602	2,211	2,046	1,942	1,863	1,807	2,454	1,914	1,792	4
Freight cost	1,199	1,145	1,158	1,160	1,104	1,054	1,085	1,210	1,167	1,120	1,155	(6)
Other Expenses	619	681	759	696	643	793	832	564	686	693	699	19
Total Expense	5,297	5,971	5,907	5,404	5,206	5,122	5,203	4,869	5,615	5,086	5,008	4
EBITDA	115	(405)	(319)	(160)	19	34	247	346	-176	165	383	(36)
YoY (%)	(86.2)	NM	NM	NM	(83.6)	NM	NM	NM	NM	NM	NM	

# **Story in charts**

Exhibit 1: Sales volumes down 9% YoY

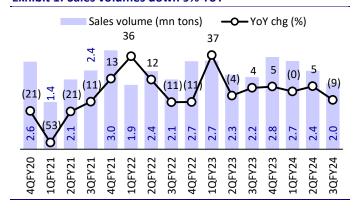


Exhibit 2: Blended realization down 2% YoY/up 6% QoQ

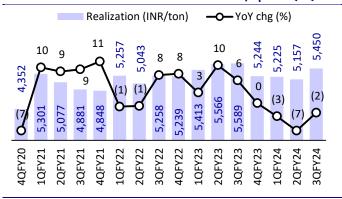


Exhibit 3: OPEX/t down 12% YoY

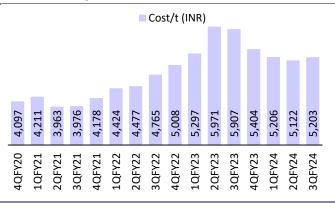
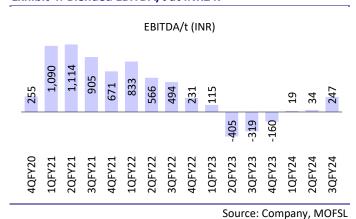


Exhibit 4: Blended EBITDA/t at INR247



Source: Company, MOFSL

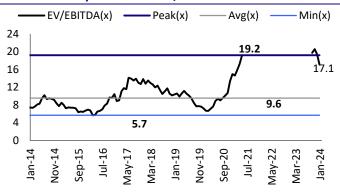
5541551 5511puny, 1115152

**Exhibit 5: Key operating metrics (blended)** 

INR/t	3QFY24	3QFY23	YoY (%)	2QFY24	QoQ (%)
Blended realization	5,450	5,589	(2)	5,157	6
Raw Material Cost	989	945	5	918	8
Staff Cost	434	443	(2)	416	4
Power and fuel	1,863	2,602	(28)	1,942	(4)
Freight and selling Exp.	1,085	1,158	(6)	1,054	3
Other Exp.	832	759	10	793	5
Total Exp.	5,203	5,907	(12)	5,122	2
EBITDA	247	(319)	NM	34	623

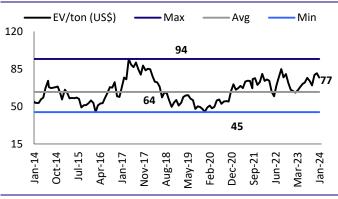
Source: Company, MOFSL

Exhibit 6: One-year forward EV/EBITDA chart



Source: Company, MOFSL

Exhibit 7: One-year forward EV/t chart



Source: Company, MOFSL

# **Financials and valuations**

Standalone Income Statement								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Net Sales	56,280	50,575	44,367	47,131	53,808	52,463	55,980	58,674
Change (%)	8.9	-10.1	-12.3	6.2	14.2	-2.5	6.7	4.8
EBITDA	6,379	5,852	8,061	4,611	-1,745	1,649	6,753	7,279
Margin (%)	11.3	11.6	18.2	9.8	-3.2	3.1	12.1	12.4
Depreciation	2,513	2,469	2,419	2,198	2,130	2,183	2,233	2,282
EBIT	3,866	3,384	5,642	2,413	-3,875	-534	4,520	4,997
Int. and Finance Charges	3,242	3,345	2,650	2,040	2,342	2,376	2,262	2,137
Other Income – Rec.	310	277	235	167	343	310	330	350
PBT bef. EO Exp.	934	316	3,227	540	-5,874	-2,601	2,588	3,210
EO Expense/(Income)	0	1,000	0	0	-1,805	-262	0	0
PBT after EO Exp.	934	-684	3,227	540	-4,069	-2,338	2,588	3,210
Current Tax	325	69	1,380	393	0	-468	665	825
Deferred Tax	-85	-398	-373	-243	-2,184	0	0	0
Tax Rate (%)	25.7	48.1	31.2	27.9	53.7	20.0	25.7	25.7
Reported PAT	694	-355	2,220	390	-1,886	-1,871	1,923	2,385
PAT Adj. for EO items	694	212	2,220	390	-4,682	-2,080	1,923	2,385
Change (%)	-31.0	-69.5	947.7	-82.4	n/m	n/m	n/m	24.0
Margin (%)	1.2	0.4	5.0	0.8	-8.7	-4.0	3.4	4.1
Balance Sheet								(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Equity Share Capital	3,099	3,099	3,099	3,099	3,099	3,099	3,099	3,099
Total Reserves	49,298	51,050	53,081	55,082	52,890	51,019	52,942	55,172
Net Worth	52,397	54,149	56,180	58,181	55,989	54,118	56,041	58,271
Deferred Liabilities	6,308	5,910	5,538	5,295	2,836	2,836	2,836	2,836
Secured Loan	26,433	23,750	19,798	19,287	17,992	18,492	16,992	14,992
Unsecured Loan	7,237	11,581	10,196	11,345	11,193	10,993	10,543	10,243
Total Loans	33,670	35,331	29,995	30,632	29,186	29,486	27,536	25,236
Capital Employed	92,375	95,391	91,712	94,107	88,011	86,440	86,413	86,343
Gross Block	77,438	81,024	81,871	84,244	84,964	88,464	90,164	92,364
Less: Accum. Deprn.	10,308	12,766	15,171	17,369	19,498	21,681	23,914	26,196
Net Fixed Assets	67,130	68,258	66,700	66,876	65,466	66,783	66,250	66,168
Capital WIP	1,770	1,958	1,871	2,715	3,134	1,634	1,434	1,734
Total Investments	6,946	7,369	7,462	7,795	4,938	4,938	4,938	4,938
Curr. Assets, Loans, and Adv.	35,203	36,939	32,708	40,462	38,319	36,234	38,137	38,718
Inventory	8,232	8,263	5,838	8,344	7,748	6,468	7,055	7,395
Account Receivables	7,290	7,163	5,413	9,213	8,141	7,187	8,129	8,520
Cash and Bank Balance	67	66	68	18	157	406	730	531
Loans and Advances	19,614	21,447	21,390	22,887	22,273	22,173	22,223	22,273
Real Estate Projects WIP	0	0	0	0	0	0	0	0
Curr. Liability and Prov.	18,675	19,134	17,028	23,740	23,846	23,148	24,345	25,215
Account Payables	13,163	13,342	10,763	12,875	13,300	12,936	13,803	14,468
Other Current Liabilities	4,106	4,566	5,301	8,580	8,240	7,905	8,435	8,841
Provisions	1,405	1,225	964	2,285	2,306	2,306	2,106	1,906
Net Current Assets	16,528	17,805	15,680	16,722	14,474	13,086	13,792	13,503
Appl. of Funds	92,375	95,391	91,712	94,107	88,011	86,440	86,413	86,343

# **Financials and valuations**

Ratios								
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
Basic (INR)								
Standalone EPS	2.3	0.7	7.2	1.3	-15.2	(6.8)	6.2	7.7
Cash EPS	10.4	8.7	15.1	8.4	-8.3	0.3	13.5	15.1
BV/Share	170	176	182	189	182	176	182	189
DPS	0.8	0.6	1.0	1.0	0.0	-	0.5	1.0
Payout (%)	43.0	(52.4)	14.0	79.5	-	-	8.1	13.0
Valuation (x)								
P/E ratio	107.4	351.9	33.6	191.3	n/m	n/m	38.8	31.3
Cash P/E ratio	23.2	27.8	16.1	28.8	n/m	n/m	17.9	16.0
P/BV ratio	1.4	1.4	1.3	1.3	1.3	1.4	1.3	1.3
EV/Sales ratio	1.9	2.2	2.4	2.2	1.9	2.0	1.8	1.7
EV/EBITDA ratio	17.0	18.8	13.0	22.9	n/m	n/m	15.1	13.7
EV/t (USD)	83	84	80	80	79	79	77	76
Dividend Yield (%)	0.3	0.2	0.4	0.4	0.0	-	0.2	0.4
Return Ratios (%)								
RoIC	3.2	1.9	4.2	1.9	-2.0	(0.5)	4.0	4.4
RoE	1.3	0.4	4.0	0.7	-8.2	(3.8)	3.5	4.2
RoCE	3.7	2.2	4.6	2.1	-1.9	(0.2)	4.3	4.8
Working Capital Ratios								
Asset Turnover ratio (x)	0.6	0.5	0.5	0.5	0.6	0.6	0.6	0.7
Inventory (Days)	53.4	59.6	48.0	64.6	52.6	45.0	46.0	46.0
Debtor (Days)	47	52	45	71	55	50	53	53
Leverage Ratio (x)								
Current Ratio	1.9	1.9	1.9	1.7	1.6	1.6	1.6	1.5
Debt/Equity ratio	0.6	0.7	0.5	0.5	0.5	0.5	0.5	0.4
								(1015 )
Cash Flow Statement	5140	F1/20		E1/00	E) (2.2	510.45	= 1/2==	(INR m)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E	FY26E
OP/(Loss) before Tax	853	282	3,221	540	(5,874)	(2,338)	2,588	3,210
Depreciation	2,513	2,469	2,419	2,198	2,130	2,183	2,233	2,282
Interest and Finance Charges Direct Taxes Paid	3,074	3,050	2,591	1,899	2,082	2,376 468	2,262	2,137
(Inc.)/Dec. in WC	(88)	(312)	(507) 2,592	(401) (542)	(42)		(665) (382)	(825) 90
CF from Operations	3,283	4,220		3,694	1,319	1,637		
Others	(119)	(81)	<b>10,317</b>	3,094	<b>(385)</b> 279	4,325	6,036	6,893
CF from Operations incl. EO	3,164	4,139		3,699	(106)	4 225	6,036	6 902
			10,356 (1.256)			4,325		6,893
(Inc.)/Dec. in FA Free Cash Flow	(1,712)	(1,365)	(1,256)	(1,296) <b>2,402</b>	(1,112) (1,218)	(2,000)	(1,500)	(2,500)
(Pur.)/Sale of Investments	<b>1,452</b> (923)	<b>2,774</b> (278)	<b>9,100</b>	(309)	4,666	2,325	4,536	4,393
Others	231			(460)				
CF from Investments	(2,404)	(1,759)	(708)		741	(2,000)	/1 E00\	/2 E00\
Issue of Shares	18	(3,403)	(1,958)	(2,065)	4,294	(2,000) -	(1,500)	(2,500)
Inc./(Dec.) in Debt	5,424	2,562	(5,401)	637	(1,476)	300	(1.050)	(2,300)
Interest Paid		(3,000)					(1,950)	
Dividend Paid	(3,136)	(300)	(2,809) (187)	(2,011)	(2,264)	(2,376)	(2,262)	(2,137) (155)
Others	(2,746)	(300)	(187)	(309)	(309)		<u> </u>	(133)
								(4 EQ2)
CF from Fin. Activity Inc./Dec. in Cash	(776) (16)	(738) (1)	(8,396) 1	(1,683) (49)	(4,049) 139	(2,076) 249	(4,212) 324	(4,592) (199)
Opening Balance	84	68	67	68	19	158	407	731
Closing Balance	68	67			158	407		
CIOSHIE DAIGHTE	80	0/	68	19	128	407	731	532

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

# 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 <a href="https://www.motilaloswal.com">www.motilaloswal.com</a>. 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%20off%20Associate%20companies.pdf">http://onlinereports.motilaloswal.com/Dormant/documents/List%20off%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 <a href="https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx">https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx</a>

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.nseindia.com</a>, <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com">www.nseindia.com</a>, <a href="www.nseindia.com</a>, <a href="www.nseindia.com">Research</a> 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., 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 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

- 1 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.
  2 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 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
- 4 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
- 5 Research Analyst has not served as director/officer/employee in the subject company
- 6 MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- 7 MOFSL has not received compensation for investment banking/ merchant banking/brokerage services from the subject company in the past 12 months
- 8 MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- 9 MOFSL has not received any compensation or other benefits from third party in connection with the research report
- 10 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 appearance.
- 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.

This report is meant for the clients of Motilal Oswal only.

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:

One variety recards od in:								
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.