

CEMENT Q4FY24 Result Preview

Axis Securities Equity Research

CEMENT Q4FY24 PREVIEW: HEALTHY DEMAND; PRICING MUTED

Cement Demand

Improvement in Cement demand: After observing a slowdown in demand growth during Q3FY24, the momentum in cement demand accelerated in Q4FY24, despite facing a higher base from the previous year, which had seen growth rates of 11-13% in Q4FY23.

This surge in demand was predominantly fueled by government-led initiatives in infrastructure and housing development, alongside an uptick in real estate demand. Following a lacklustre performance in Jan'24, cement demand gained traction in Feb'24 and concluded on a high note in Mar'24. A bustling construction period further bolstered high single-digit volume growth throughout the quarter.

Cement demand to grow by 9%YoY: The overall demand for cement in Q4FY24 concluded on a higher note on a YoY basis, with an estimated growth of 9% for our coverage universe. CY23 witnessed robust demand growth, supported by a 14%-16% increase in demand during H1FY24, reaching 430-440 MTPA. This growth was led by higher institutional demand and sustained momentum in the housing and real estate sectors.

With the general election scheduled for Q1FY25, cement demand is expected to experience volatility due to disruptions caused by election-related activities. However, demand is anticipated to gradually recover post-election. Additionally, there is a prevailing expectation that the existing government will secure another term, leading to the continuation of infrastructure-related spending, which will further drive cement demand.

Real estate demand continues to be robust: Robust real estate demand has been a significant driver of increased cement consumption. The real estate market is anticipated to maintain its growth trajectory in the foreseeable future,

providing continued support to cement demand. Additionally, retail cement demand experienced an uptick during the quarter, albeit at a slower pace.

Rural demand yet to recover: Our channel checks suggest that rural demand has yet to fully recover and remained subdued during the quarter due to reduced construction activity and an extended winter period. Conversely, urban and semi-urban demand showed improvement compared to Q3FY24 across most regions. It is anticipated that rural demand will only begin to pick up after the general election.

Overall cement demand in FY24 to be positive: Overall, cement demand remains positive as we conclude FY24, driven by pre-election spending, ongoing government emphasis on infrastructure development, and sustained real estate activity. Moreover, the higher budgetary allocation to infrastructure and construction in the interim budget 2024-25 is expected to sustain demand momentum into FY25.

For companies under our coverage, we anticipate volume, revenue, EBITDA, and PAT growth of 9%, 8%, 24%, and 20% respectively YoY, propelled by robust demand and alleviation of cost pressures, particularly in power and fuel expenses. We estimate the overall cement industry demand to grow between 9%-10% in FY24.

From a medium to long-term perspective, our preferred picks in the sector are:

Large Cap – UltraTech Cement; Ambuja Cements

Mid Cap – JK Cement; JK Lakshmi; Birla Corporation

Small Cap – Star Cement

Cement Pricing

Following subdued pricing trends in Q3FY24, cement prices experienced further correction in Jan'24 and Feb'24, particularly in the East and South India regions, where the decline was more pronounced compared to other areas. This downward trajectory in prices persisted through Mar'24, as cement manufacturers refrained from implementing price hikes due to intensified competition and the need to meet year-end targets.

With cement capacities continually being added by both large and medium-sized companies, pricing is anticipated to remain dynamic and volatile. Throughout the quarter, the pricing trend remained muted. Particularly, companies operating in the East and South regions witnessed significant price corrections (Rs 30-40/bag), as these two regions had experienced the highest price hikes at the beginning of Q3FY24, followed by other regions (Rs 15-20/bag).

Moderation in Cement prices

The moderation in cement prices observed in Q4FY24 has introduced pricing headwinds, with prices correcting to the levels seen in Q2FY24 on average. We estimate that realizations for our coverage companies may moderate by 4%-5% during the quarter. Channel checks indicate that cement manufacturers are considering price hikes in April 2024, ahead of the onset of the monsoon season. The sustainability of these higher prices will be a key factor to monitor.

The addition of new capacities is anticipated to exert pressure on cement prices, contributing to their volatility. Non-trade prices have also corrected, albeit at a slower rate compared to trade prices, during the quarter. The positive impact of higher prices is expected to be more pronounced in Q1FY25, contingent upon their sustainability.

Input Cost

Both domestic and international petroleum coke and coal prices have witnessed a significant decrease of 25%-30% YoY. Imported petroleum coke prices are currently trading at \$120 per tonne, while South African and US coal prices stand at \$110 per tonne. It's important to note that the operating cost per tonne for the cement industry fluctuates by Rs 30-40 for every \$10 movement in the prices of petcoke and imported coal.

We expect fuel cost per tonne to be lower by Rs 40-50/tonne during the quarter: The average power/fuel consumption prices for most cement companies are anticipated to range between \$150-160 per tonne, a decline from the \$170-\$180 per tonne range in Q3FY24. The positive impact of the low-cost inventory is expected to be reflected in Q4FY24. Sequentially, we anticipate fuel costs per tonne to decrease by Rs 40-50. On a YoY basis, the power & fuel cost is projected to be lower by 15% at Rs 1,260 per tonne for our coverage companies. Bulk diesel prices have been reduced by Rs 2 per litre, and the overall impact is expected to be neutral.

EBITDA/tonne of coverage companies to improve by 16%: We estimate the EBITDA per tonne of the companies under our coverage to improve by 16% to Rs 985 per tonne from Rs 851 per tonne reported in Q4FY23. This improvement is expected due to lower operating costs compared to last year, as well as the negative impact of higher energy prices in the previous year.

On a quarter-over-quarter (QoQ) basis, EBITDA per tonne is anticipated to decline by 9% due to corrections in cement prices, despite benefiting from high operating leverage and positive demand. In percentage terms, EBITDA is expected to improve by 240 basis points (bps) YoY and decline by 130 bps QoQ.

We estimate the operating cost of the companies, on a per tonne basis under our coverage universe, to decline by 5% YoY to Rs 4,585 per tonne.

Outlook

We remain positive on the dynamics of the Cement industry based on the following factors:

- **Government Initiatives:** The government's emphasis on infrastructure development, increased spending on affordable housing, and a pickup in private and commercial capital expenditure, coupled with robust real estate demand, are expected to drive cement demand.
- **Premiumization Product Strategy:** Companies are focusing on premiumization and producing more blended cement, which requires less clinker and consumes less power. This strategic shift can enhance efficiency and competitiveness.
- **Green Energy Transition:** There's a higher transition towards green energy, aiming to increase the share from the current 35% to over 50% in the coming years. This transition, facilitated by initiatives such as waste heat recovery systems (WHRS), wind, and solar energy adoption, is likely to positively impact margins and sustainability efforts.

- **Demand-Supply Dynamics:** Despite capacity additions by various players, demand is expected to outpace supply. This suggests a favourable market environment for cement producers, potentially leading to improved pricing power and capacity utilization rates.
- **Greater Consolidation:** The increasing consolidation within the industry is expected to positively influence industry dynamics. This trend towards consolidation is anticipated to yield long-term structural improvements, enhancing the overall competitiveness and efficiency of the industry.
- **Favourable Industry Outlook:** With higher demand, stable pricing, and ongoing cost optimization initiatives, the cement industry is poised for strong performance in the foreseeable future. Therefore, we maintain a positive outlook on the sector from a medium to long-term perspective.

TOP RESULT PICK

UltraTech Cement; Ambuja Cements; Birla Corporation; JK Cement; JK Lakshmi; Star Cement

Quarterly Preview– Q4FY24

Cement

Year-end March (Rs Cr)	Q4FY24	Q3FY24	QoQ(%)	Q4FY23	YoY (%)	Result expectations
Dalmia Bharat						
Volume (mntpa)	8.14	6.80	20%	7.40	10%	→ Volume to grow YoY driven by better demand in its operating region.
Revenues	4094	3600	14%	3912	5%	→ Consol revenue to grow owing to higher volume YoY.
Gross Profit	1565	1505	4%	1,469	7%	→
Gross margin (%)	38.2%	41.8%	(360bps)	37.6%	60bps	→ Gross margins to be higher YoY owing to lower cost .
EBITDA	763	775	-2%	707	8%	→
EBITDA margin (%)	18.6%	21.5%	(290bps)	18.1%	50bps	→ Ebitda margin to expand YoY owing to easing cost pressure.
PAT	285	263	8%	589	-52%	→ PAT to be lower owing to exceptional income last year.
EPS (Rs)	15.20	14.03	8%	31.4	-52%	→ EPS to be in line with PAT
EBITDA/Tonne	938	1140	-18%	955	-2%	→ EBITDA/tonne to be lower YoY owing to lower cement prices.
Realization/tonne	5029	5294	-5%	5286	-5%	→ Realization to be lower YoY owing to decline in Cement prices
Cost/Tonne	4092	4154	-2%	4331	-6%	→ Cost/Tonne to be lower YoY.
J K Cements						
Volume (mntpa)	5.24	4.71	11%	4.67	12%	→ Volume to grow owing to better demand YoY and new capacity ramp up in Central region.
Revenues	3161	2935	8%	2,778	14%	→ Consol revenue to grow YoY owing to higher volume.
Gross Profit	1259	1284	-2%	957	31.6%	→
Gross margin (%)	39.8%	43.8%	(400bps)	34.5%	530bps	→ Gross margin to be higher owing to lower cost YoY.
EBITDA	575	625	-8%	350	64%	→
EBITDA margin (%)	18.2%	21.3%	(310bps)	12.6%	560bps	→ Ebitda margin to expand YoY owing to easing cost pressure.
PAT	244	283	-14%	112	118%	→ PAT to expand YoY owing to higher volume and lower cost..
EPS (Rs)	31.7	36.8	-14%	14.6	118%	→ EPS to be in line with PAT
EBITDA/Tonne	1,098	1,329	-17%	748	47%	→ EBITDA/tonne to be higher YoY owing to lower operating cost .
Realization/tonne	6,038	6,238	-3%	5,947	2%	→ Realization to be higher YoY .
Cost/Tonne	4,940	4,909	1%	5,199	-5%	→ Cost/Tonne to be lower on easing of cost pressure.YoY.

Cement (Cont'd)

Year-end March (Rs Mn)	Q4FY24	Q3FY24	QoQ(%)	Q4FY23	YoY (%)	Result expectations
JK Lakshmi Cement Ltd						
Volume (mntpa)	2.82	2.36	20%	2.67	6%	→ Volume to grow on YoY basis owing to better demand .
Revenues	1826	1586	15%	1,729	6%	→ Revenue to be higher owing to higher volume.
Gross Profit	536	509	5%	452	19%	→
Gross margin (%)	29.3%	32.1%	(280bps)	26.1%	320bps	→ Gross margin to be higher owing to lower cost YoY.
EBITDA	252	242	4%	189	33%	→
EBITDA margin (%)	13.8%	15.3%	(150bps)	10.9%	290bps	→ Ebitda margin to expand YoY owing to easing cost pressure.
PAT	132	124	7%	97	36%	→ PAT to be higher YoY owing to higher sales.
EPS (Rs)	11.3	10.5	7%	8.3	36%	→ EPS to be in line with PAT
EBITDA/Tonne	893	1,028	-13%	710	26%	→ EBITDA/tonne to be higher YoY owing to lower operating cost .
Realization/tonne	6,465	6,735	-4%	6,487	0%	→ Realization to be flattish YoY.
Cost/Tonne	5,573	5,706	-2%	5,778	-4%	→ Cost/Tonne to be lower YoY as cost pressure eases.
Birla Corporation Ltd						
Volume (mntpa)	4.75	4.20	13%	4.44	7%	→ Volume to grow YoY driven by new capacity ramp up. and better demand
Revenues	2649	2312	15%	2,463	8%	→ Revenue to grow owing to higher volume and higher realization YoY
Gross Profit	1049	967	8%	858	22%	→
Gross margin (%)	39.6%	41.8%	(220bps)	34.9%	470bps	→ Gross margins to be higher YoY owing to lower cost.
EBITDA	430	379	14%	274	57%	→
EBITDA margin (%)	16.2%	16.4%	(20bps)	11.1%	510bps	→ Ebitda margin to expand YoY owing to easing cost pressure & higher realization
PAT	167	109	53%	85	NA	→ PAT to be higher on YoY & QoQ owing better sales & lower cost
EPS (Rs)	21.7	14.2	53%	11.0	NA	→ EPS to be in line with PAT
EBITDA/Tonne	905	901	0%	618	47%	→ EBITDA/tonne to be higher on YoY driven by better operating performance.
Realization/tonne	5,577	5,505	1%	5,546	1%	→ Blended realization to be higher YoY .
Cost/Tonne	4,671	4,604	1%	4,928	-5%	→ Cost/Tonne to be lower YoY owing to better operating performance.

Cement (Cont'd)

Year-end March (RsMn)	Q4FY24	Q3FY24	QoQ(%)	Q4FY23	YoY (%)	Result expectations
Heidelberg Cement India Ltd						
Volume (mntpa)						
1.28	1.21	6%		1.19	8%	→ Volume to be higher owing to better demand.
Revenues	621	607	2%	602	3%	→ Revenue to grow owing to better volume.
Gross Profit	251	218	15%	209	20%	→
Gross margin (%)	40.3%	36.0%	430bps	34.7%	560bps	→ Gross margins to be higher YoY & QoQ owing to lower cost
EBITDA	101	65	55%	69	46%	→
EBITDA margin (%)	16.3%	10.8%	550bps	11.5%	480bps	→ Ebitda margin to expand YoY owing to easing cost pressure .
PAT	58	31	86%	35	67%	→ PAT to be higher YoY & QoQ owing to higher sales.
EPS (Rs)	2.6	1.4	86%	1.5	67%	→ EPS to be in line with PAT
EBITDA/Tonne	791	542	46%	583	36%	→ EBITDA/tonne to be higher YoY & QoQ owing to lower cost.
Realization/tonne	4,850	5,026	-3%	5,076	-4%	→ Realization to be lower YoY & QoQ as cement prices decline.
Cost/Tonne	4,059	4,484	-9%	4,493	-10%	→ Cost/Tonne to be lower YoY& QoQ
Star Cement Ltd						
Volume (mntpa)						
1.38	0.97	43%		1.24	12%	→ Volume to growth to be higher led by better demand
Revenues	896	651	38%	825	9%	→ Revenue to grow on YoY basis due to higher volume..
Gross Profit	341	283	21%	323	6%	→
Gross margin (%)	38.1%	43.4%	(530bps)	39.1%	(100bps)	→ Gross margin to be lower owing to lower realization YoY & QoQ
EBITDA	172	149	16%	166	4%	→
EBITDA margin (%)	19.2%	22.8%	(360bps)	20.1%	(90bps)	→ Ebitda margin to contract YoY owing to lower realization.
PAT	92	74	25%	96	-4%	→ PAT to be higher QoQ driven by higher sales But lower YoY.
EPS (Rs)	2.3	1.8	25%	2.4	-4%	→ EPS to be in line with PAT.
EBITDA/Tonne	1244	1534	-19%	1346	-8%	→ EBITDA/tonne to be lower YoY on the back of lower realization.
Realization/tonne	6,480	6,716	-3%	6,680	-3%	→ Realization to be lower QoQ & YoY
Cost/Tonne	5,237	5,182	1%	5,335	-2%	→ Cost/Tonne to be lower YoY.

Cement (Cont'd)

Year-end March (RsMn)	Q4FY24	Q3FY24	QoQ(%)	Q4FY23	YoY (%)	Result expectations
ACC Limited						
Volume (mntpa)	9.35	8.90	5%	8.50	10%	→ Volume to grow on YoY driven by better demand
Revenues	5061	4914	3%	4791	6%	→ Revenue to be higher owing to higher volume YoY.
Gross Profit	1376	1602	-14%	1241	11%	→
Gross margin (%)	27.2%	32.6%	(540bps)	25.9%	130bps	→ Gross margin to expand owing to lower cost YoY.
EBITDA	632	905	-30%	469	35%	→
EBITDA margin (%)	12.5%	18.4%	(590bps)	9.8%	270bps	→ Ebitda margin to expand on YoY as cost pressure eases.
PAT	329	538	-39%	236	40%	→ PAT to be higher YoY owing to higher sales & lower cost.
EPS (Rs)	17.5	28.6	-39%	12.5	40%	→ EPS to be in line with PAT
EBITDA/Tonne	676	1017	-33%	551	23%	→ EBITDA/tonne to be higher on YoY basis.
Realization/tonne	5,413	5,522	-2%	5,636	-4%	→ Blended realization to be lower YoY & QoQ.
Cost/Tonne	4,736	4,505	5%	5,085	-7%	→ Cost/Tonne to lower as cost pressure eases.
Shree Cement Limited						
Volume (mntpa)	9.68	8.89	9%	8.80	10%	→ Volume to grow YoY driven by commissioning of new capacity.
Revenues	5096	4901	4%	4785	7%	→ Revenue to be higher YoY owing to higher volume.
Gross Profit	2193	2250	-3%	1750	25%	→
Gross margin (%)	43%	46%	(300bps)	37%	600bps	→ Gross margin to be higher owing to lower cost YoY.
EBITDA	1163	1234	-6%	892	30%	→
EBITDA margin (%)	22.8%	25.2%	(240bps)	18.7%	410bps	→ Ebitda margin to expand YoY owing to easing cost pressure.
PAT	629	734	-14%	546	15%	→ PAT to be higher YoY due to higher sales and lower cost.
EPS (Rs)	175	204	-14%	152	15%	→ EPS to be in line with PAT
EBITDA/Tonne	1201	1388	-13%	1014	18%	→ EBITDA/tonne to be higher on YoY owing to lower cost.
Realization/tonne	5,265	5,513	-5%	5,438	-3%	→ Realization to be lower YoY as Cement prices decline.
Cost/Tonne	4,064	4,125	-1%	4,423	-8%	→ Cost/Tonne to be lower QoQ.

Cement (Cont'd)

Year-end March (RsMn)	Q4FY24	Q3FY24	QoQ(%)	Q4FY23	YoY (%)	Result expectations
Ambuja Cement Limited						
Volume (mtnpa)	8.91	8.20	9%	8.10	10%	→ Volume to grow YoY driven by positive demand.
Revenues	4631	4440	4%	4256	9%	→ Revenue to be higher due to higher volume YoY.
Gross Profit	1691	1540	10%	1420	19%	→
Gross margin (%)	36.5%	34.7%	180bps	33.4%	310bps	→ Gross margin to be higher owing to lower cost YoY& QoQ
EBITDA	952	851	12%	788	21%	→
EBITDA margin (%)	20.6%	19.2%	140bps	18.5%	210bps	→ Ebitda margin to expand YoY owing to easing cost pressure
PAT	563	514	10%	502	12%	→ PAT to be higher YoY owing to better sales volume and lower cost.
EPS (Rs)	2.83	2.59	10%	2.53	12%	→ EPS to be in line with PAT
EBITDA/Tonne	1068	1038	3%	973	10%	→ EBITDA/tonne to be higher on YoY owing to lower cost.
Realization/tonne	5,197	5,414	-4%	5,255	-1%	→ Realization to be lower YoY & QoQ AS Cement prices declines.
Cost/Tonne	4,129	4,376	-6%	4,282	-4%	→ Cost/Tonne to be lower YoY.
Orient Cement Limited						
Volume (mtnpa)	1.80	1.39	30%	1.72	5%	→ Volume to grow on YoY basis led by better demand.
Revenues	925	751	23%	876	6%	→ Revenue to be higher YoY due to higher volume.
Gross Profit	300	248	21%	256	17%	→
Gross margin (%)	32.4%	33.1%	(70ps)	29.3%	310bps	→ Gross margin to be higher owing to lower cost YoY.
EBITDA	161	115	40%	139	16%	→
EBITDA margin (%)	17.4%	15.4%	200bps	15.9%	150bps	→ Ebitda margin to expand YoY owing to easing cost pressure.
PAT	78	45	72%	67	15%	→ PAT to be higher owing to higher revenue & lower cost
EPS (Rs)	3.8	2.2	72%	3.29	15%	→ EPS to be in line with PAT
EBITDA/Tonne	894	829	8%	812	10%	→ EBITDA/tonne to be higher YoY on the back of lower cost & higher volume.
Realization/tonne	5,127	5,397	-5%	5,099	1%	→ Realization to be flattish YoY.
Cost/Tonne	4233	4568	-7%	4287	-1%	→ Cost/Tonne to be lower YoY

Cement (Cont'd)

Year-end March (RsMn)	Q4FY24	Q3FY24	QoQ(%)	Q4FY23	YoY (%)	Result expectations
UltraTech Cement Limited						
Volume (mntpa)	34.55	27.32	26%	31.70	9%	→ Volume to grow on YoY basis led by better demand and new capacity ramp up.
Revenues	20175	16740	21%	18662	8%	→ Revenue to be higher YoY due to higher volume.
Gross Profit	7017	6286	12%	5987	17%	→
Gross margin (%)	34.8%	37.5%	(270ps)	32.1%	270bps	→ Gross margin to be higher owing to lower cost YoY.
EBITDA	3906	3255	20%	3322	18%	→
EBITDA margin (%)	19.4%	19.4%	0bps	17.8%	160bps	→ Ebitda margin to expand YoY owing to easing cost pressure.
PAT	2259	1777	27%	1666	36%	→ PAT to be higher owing to higher revenue and lower cost YOY.
EPS (Rs)	78.25	61.56	27%	57.70	36%	→ EPS to be in line with PAT
EBITDA/Tonne	1131	1191	-5%	1048	8%	→ EBITDA/tonne to be higher YoY on the back of lower cost & higher volume.
Realization/tonne	5,840	6,127	-5%	5,887	-0.8%	→ Realization to be lower as Cement prices declines.
Cost/Tonne	4709	4936	-5%	4839	-3%	→ Cost/Tonne to be lower YoY & QoQ

Disclosures:

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

1. Axis Securities Ltd. (ASL) is a SEBI Registered Research Analyst having registration no. INH000000297. ASL, 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. ASL is a subsidiary company of Axis Bank Ltd. Axis Bank Ltd. is a listed public company and one of India's largest private sector bank and has its various subsidiaries engaged in businesses of Asset management, NBFC, Merchant Banking, Trusteeship, Venture Capital, Stock Broking, the details in respect of which are available on www.axisbank.com.
2. ASL is registered with the Securities & Exchange Board of India (SEBI) for its stock broking & Depository participant business activities and with the Association of Mutual Funds of India (AMFI) for distribution of financial products and also registered with IRDA as a corporate agent for insurance business activity.
3. ASL has no material adverse disciplinary history as on the date of publication of this report.
4. I/We, authors (Research team) and the name/s subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect my/our views about the subject issuer(s) or securities. I/We (Research Analyst) also certify that no part of my/our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report. I/we or my/our relative or ASL or its Associate does not have any financial interest in the subject company. Also I/we or my/our relative or ASL or its Associates may have beneficial ownership of 1% or more in the subject company at the end of the month immediately preceding the date of publication of the Research Report. Since associates of ASL are engaged in various financial service businesses, they might have financial interests or beneficial ownership in various companies including the subject company/companies mentioned in this report. I/we or my/our relative or ASL or its associate does not have any material conflict of interest. I/we have not served as director / officer, employee, etc. in the subject company in the last 12-month period.
- 5.

Sr. No	Name	Designation	E-mail
1	Neeraj Chadawar	Head of Research	neeraj.chadawar@axissecurities.in
2	Preeyam Tolia	Research Analyst	preeyam.tolia@axissecurities.in
3	Omkar Tanksale	Research Analyst	omkar.tanksale@axissecurities.in
4	Uttamkumar Srimal	Research Analyst	uttamkumar.srimal@axissecurities.in
5	Ankush Mahajan	Research Analyst	ankush.mahajan@axissecurities.in
6	Dnyanada Vaidya	Research Analyst	dnyanada.vaidya@axissecurities.in
7	Aditya Welekar	Research Analyst	aditya.welekar@axissecurities.in
8	Prathamesh Sawant	Research Analyst	prathamesh.sawant@axissecurities.in
9	Akshay Mokashe	Research Analyst	akshay.mokashe@axissecurities.in
10	Shikha Doshi	Research Associate	shikha.doshi@axissecurities.in
11	Shridhar Kallani	Research Associate	shridhar.kallani@axissecurities.in
12	Bhavya Shah	Research Associate	bhavya1.shah@axissecurities.in
13	Suhane Shome	Research Associate	suhane.shome@axissecurities.in
14	Shivani More	Research Associate	shivani.more@axissecurities.in

6. ASL or its Associates has not received any compensation from the subject company in the past twelve months. I/We or ASL or its Associate has not been engaged in market making activity for the subject company.
7. In the last 12-month period ending on the last day of the month immediately preceding the date of publication of this research report, ASL or any of its associates may have:
 - i. Received compensation for investment banking, merchant banking or stock broking services or for any other services from the subject company of this research report and / or; ii. Managed or co-managed public offering of the securities from the subject company of this research report and / or; iii. Received compensation for products or services other than investment banking, merchant banking or stock broking services from the subject company of this research report;
8. ASL or any of its associates have not received compensation or other benefits from the subject company of this research report or any other third-party in connection with this report.

Term& Conditions:

This report has been prepared by ASL 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 ASL. 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. ASL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to the recipient's specific circumstances. The securities and strategies discussed and opinions expressed, if any, 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 report may not be taken in substitution for the exercise of independent judgment by any recipient. Each recipient of this report 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 report (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. Certain transactions, including those involving futures, options and other derivatives as well as non-investment grade securities involve substantial risk and are not suitable for all investors. ASL, its directors, analysts or employees do not take any responsibility, financial or otherwise, of the losses or the damages sustained due to the investments made or any action taken on basis of this report, including but not restricted to, fluctuation in the prices of shares and bonds, changes in the currency rates, diminution in the NAVs, reduction in the dividend or income, etc. Past performance is not necessarily a guide to future performance. Investors are advised 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.

ASL and its affiliated companies, their directors and employees may; (a) from time to time, have long or short position(s) in, and buy or sell the securities of the company(ies) mentioned herein or (b) be engaged in any other transaction involving such securities or 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 investment banker, 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. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting this document.

ASL 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 ASL 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. ASL may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report. The Research reports are also available & published on AxisDirect website.

Neither this report nor any copy of it may be taken or transmitted into the United States (to U.S. Persons), Canada, or Japan or distributed, directly or indirectly, in the United States or Canada or distributed or redistributed in Japan or to any resident thereof. If this report is inadvertently sent or has reached any individual in such country, especially, USA, the same may be ignored and brought to the attention of the sender. 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 ASL 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.

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. The Company reserves the right to make modifications and alterations to this document as may be required from time to time without any prior notice. The views expressed are those of the analyst(s) and the Company may or may not subscribe to all the views expressed therein.

Copyright in this document vests with Axis Securities Limited.

Axis Securities Limited, SEBI Single Reg. No.- NSE, BSE & MSEI – INZ000161633, ARN No. 64610, CDSL-IN-DP-CDSL-693-2013, SEBI-Research Analyst Reg. No. INH 000000297, SEBI Portfolio Manager Reg. No.- INP000000654, Main/Dealing off.- Axis Securities Ltd, Unit No.1001, 10th Floor, Level-6, Q2 Building, Aurum, Q Parc, Plot No. 4/1, TTC, Thane – Belapur Road, Ghansoli, Navi Mumbai. – 400 710., Regd. off.- Axis House,8th Floor, Wadia International Centre, PandurangBudhkar Marg, Worli, Mumbai – 400 025. Compliance Officer: Jatin Sanghani, Email: compliance.officer@axisdirect.in, Tel No: 022-49212706