



Buy

Target Price: Rs124 CMP: Rs81 Upside: 46% *as on 21 January 2009

Rolta India

Update/Earnings change

22 January 2009

Slowing order-book drives downgrade

- O Results beat estimates: Rolta's Q2FY09 results were ahead of our estimates with a topline of Rs3,619mn (4.5% QoQ growth) and bottomline of Rs832.2mn (adjusted for MTM losses on FCCBs, which is a non-cash charge).
- O But flat growth in order-book drives earnings downgrade: Growth in the order book has been on a downtrend since the last three quarters, warranting a cautious stance on growth. We have lowered our FY10 revenue and PAT estimates by 15% and 22% respectively.
- **O** Buyback of FCCBs a likely near term trigger: Rolta has announced plans to buyback FCCBs of \$150mn in part or in full. This is a likely near term trigger for the stock.
- **O** Order book to help achieve targeted growth: Rolta has an order book of Rs15,918mn executable over the next 15 months. We believe this would help the company achieve its targeted 35%-40% growth in FY10.
- O Maintain Buy rating: The stock is currently available at a marginal premium to its immediate peer, Infotech Enterprises, despite its superior return ratios and margins. We maintain our Buy rating with a DCF-based price target of Rs124, which discounts our FY10E EPS of Rs18.8 by 6.6x.

Key	Dat
-----	-----

Key Data	
Bloomberg Code	RLTA IN
Reuters Code	ROLT.BO
Current Shares O/S (mn)	161
Diluted Shares O/S(mn)	161
Mkt Cap (Rsbn/USDmn)	13/264
52 Wk H / L (Rs)	360/32
Daily Vol. (3M NSE Avg.)	2885398
Face Value (Rs)	1
1 USD = Rs49	

C{NTRUM

One year Indexed Stock Performance



Price Performance (%)

1M 6M 1Yr Rolta (36.7) (70.5) (71.2)NIFTY (12.1)(34.9)(48.0) Source: Bloomberg, Centrum Research *as on 21 Jan 2009

	Y/E June (Rsmn)	Q2FY09	Q2FY08	YoY (%)	Q1FY09	QoQ (%)	Q2FY09E	Variance (%)
	Net sales	3619	2417	49.7	3461	4.6	3602	0.5
	Total expenditure	2358	1489		2277		2388	(1.2)
	% of sales	65	62		66		66	
	Operating profit	1261	928	35.9	1185	6.5	1214	3.9
	OPM (%)	34.8	38.4		34.2		33.7	
	Depreciation	413	335		379		430	(3.9)
	Interest	11	0		0		0	
	EBT	837	593		806		784	6.7
	Other income	95	102		150		103.49	(8.1)
	PBT	932	695		956		888	4.9
	Exceptional item (as reported)	(226.6)			(614)			
	Provision for tax	101	93		105		128	(20.8)
	-effective tax rate (%)	10.9	13		11.0		14	
	Minority share profit / loss	2			2		0	
	PAT (reported)	606	603	0.5	237	155.2	760	(20.3)
1	PAT (adjusted)	832	603	38.1	851	(2.2)	760	9.5
n@centrum.co.in	NPM (%)	23	25		25		21	
	EPS (adjusted)	4.6	3.4		4.7		4.2	

Y/E June	Rev	YoY (%)	EBITDA	EBITDA (%)	Adj PAT	YoY %	Fully DEPS	RoE (%)	RoCE (%)	P/E (x)	EV/EBITDA (x)
FY06	5349	29.0	2229	41.7	1273	41.1	7.8	18.2	17.2	11.2	5.3
FY07	7114	33.0	2866	40.3	1726	35.6	10.6	17.4	13.0	8.3	4.4
FY08	10722	50.7	3898	36.4	2306	33.6	12.8	20.7	12.7	6.9	3.8
FY09E	14613	36.3	5052	34.6	3279	42.2	18.2	25.1	15.8	4.8	3.0
FY10E	16761	14.7	5635	33.6	3374	2.9	18.8	21.6	14.3	4.7	2.6

Source: Company, Centrum Research

C (N T R U M

Flat order-book growth drives earnings downgrade

Rolta beat our earnings estimates by 5.7% in Q2FY09 (adjusted for MTM **losses** on FCCBs, which is a non-cash charge). However, a slowdown in order book growth over the last three quarters (just 1.3% growth in Q2FY09) warrants a more cautious stance going forward. The company has an order-book position of Rs15,918mn executable over 12 to 18 months.

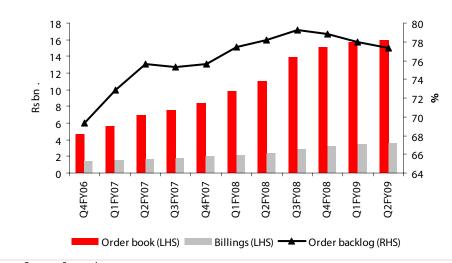


Exhibit 1: Declining order-book growth warrants downgrade

Source: Company, Centrum Research

Exhibit 2: Revised estimates

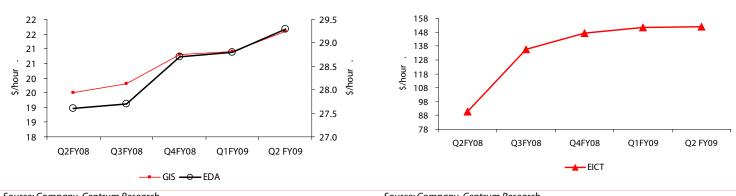
	Earlier Estin	nates	Revised I	stimates	% change		
Y/E June (Rsmn)	FY09	FY10	FY09	FY10	FY09	FY10	
Net Sales	14952	19724	14613	16761	-2.3	-15.0	
EBIDTA	5093	6804	5052	5635	-0.8	-17.2	
PAT	3254	4405	3279	3374	0.8	-23.4	

Source: Centrum Research

Business model skews to higher sub-contracting costs

The company sub-contracts lower-end work which accounts for 17% of the company's revenues (reported as materials and subcontracting). The company derives a margin of 25% which is a mark-up on these costs. Rolta now plans to scale up its sub-contracting initiative and concentrate on high-end delivery through its portfolio of products and solutions. We expect materials and subcontracting costs to account for 23% of its revenues by the end of FY10E. The benefits of this initiative are already visible with net headcount additions of 36 during the quarter as against average quarterly addition of 310 in FY08, thereby making the business leaner. This would also translate in lower capex requirement going forward. However, we have not changed our capex estimates on grounds of conservatism.

Exhibit 3: New model to ensure up-tick in billing rates



Source: Company, Centrum Research

C (N T R U M

Recent acquisitions have increase Rolta's capabilities significantly

We are sanguine about Rolta's recent acquisitions with TUSC and Piocon together putting six *Titan* awards (the highest certification given to Oracle partners globally) into Rolta's kitty. Rolta now has capabilities to integrate disparate GIS and engineering data sets seamlessly and offer solutions across industries – quite unmatched by any player in the GIS space.

Thales JV to add further upsides to our estimates

Rolta's 51:49 JV with Thales is likely to add incremental revenues in FY10 with C4ISTAR (Command, Control, Communication, Computers, Intelligence, Surveillance, Target Acquisition, Reconnaissance) prototypes well under way. Any upsides from the Thales JV would add further upsides to our estimates.

Maintain Buy rating

We value Rolta on a DCF-based price target of Rs124, which discounts our FY10E EPS (fully diluted) of Rs18.8 by 6.6x. This is on the back of lower estimated revenue growth to account for a slowdown in orderbook growth.

We believe that Rolta enjoys the highest EBIDTA margins and return ratios vis-à-vis its immediate peer, Infotech Enterprises. The stock declined 18% in a single day on rumours of the Chairman's resignation and is now lower than its historic premium to Infotech Enterprises. We maintain our Buy rating on the stock.

Exhibit 4: DCF-based valuation

CF valuation		ę		11%	12%	13%		14%	14% 15%	14% 15% 16%	14% 15% 16% 17%	14% 15% 16% 17% 18%
WACC	15.0%	Terminal Growth rate	1%	175	156	140		127	127 116	127 116 106	127 116 106 98	127 116 106 98 90
PV of cashflow till FY16	15,280	- MO	2%	186	164	146		132	132 120	132 120 109	132 120 109 100	132 120 109 100 92
Terminal growth rate (%)	3.0%	פֿ	3%	199	174	154		138	138 124	138 124 113	138 124 113 103	138 124 113 103 95
PV of terminal cash flow		lina	4%	217	187	163		145	145 130	145 130 117	145 130 117 107	145 130 117 107 98
	9,664	erm	5%	240	203	175		153	153 136	153 136 122	153 136 122 110	153 136 122 110 101
otal PV	24,944	Ĕ.	6%	273	224	190	16	4	4 144	4 144 128	4 144 128 115	4 144 128 115 104
ess Debt	8,042											
ash	5,414											
irm value	22,317											
Per share value	124											
Assumptions												
Beta	1.04											
Risk free rate (%)	9.0%											
Market return (%)	16.0%											

Source: Company, Centrum Research

Exhibit 5: Rolta's premium to Infotech Enterprises narrows

Exhibit 6: Despite superior return ratios

150%]						I				
100%	-						M	WWW	Munh	num n	M
50%	-						M	ų		ľ	MAN
0%	fry	Ŷη.		!	لر س	M. M.	л, ,			,	
-50%	-	hand	· ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	m M	political						
-100%	Mar-06	Jun-06	Sep-06	Dec-06	Mar-07	Jun-07	Sep-07	Dec-07	Mar-08	Jun-08	Sep-08

Parameter		Fugro	Enterprises	Rolta
Revenue Growth (%)	FY09E	8.2	32.9	36.3
	FY10E	0.1	15.9	14.7
EBITDA (%)	FY09E	25.8	19.1	34.6
	FY10E	24.8	18.8	33.6
RONW (%)	FY09E	26.6	14.4	25.1
	FY10E	21.8	14.9	21.6
Dividend yeild (%)	FY09E	7.2	1.7	5.2
	FY10E	6.5	1.8	5.3
EV/EBIDTA (x)	FY09E	3.5	2.8	2.8
	FY10E	3.6	2.5	2.4
P/E (x)	FY09E	5.4	4.7	4.4
	FY10E	5.7	4	4.3

Infotech

- -

Source: Company, Centrum Research

Financials

Exhibit 7: Profit & Loss

Y/E June (Rs mn)	FY07	FY08E	FY09E	FY10E
Net Sales	7,114	10,722	14,613	16,761
-Growth (%)	33.0	50.7	36.3	14.7
Personnel cost	1,928	3,200	5,382	5,907
% of sales	27.1	29.8	36.8	35.2
Materials & subcontracting costs	1,690	2,560	2,646	3,574
% of sales	23.8	23.9	18.1	21.3
Other expenses	630	1,064	1,533	1,646
% of sales	8.9	9.9	10.5	9.8
EBIDTA	2,866	3,898	5,052	5,635
-EBIDTA margin (%)	40.3	36.4	34.6	33.6
Depreciation	1,018	1,383	1,757	2,126
EBIT	1,848	2,515	3,295	3,509
Interest expenses	7	-	47	72
PBT from operations	1,841	2,515	3,248	3,438
Other non operating income	103	170	471	486
РВТ	1,943	2,685	3,719	3,924
-PBT margin (%)	27.3	25.0	25.4	23.4
Provision for tax	217	388	440	549
Effective tax rate (%)	11.1	14.4	11.8	14.0
Net profit	1,726	2,297	3,279	3,374
-Growth (%)	35.6	33.1	42.7	2.9
-Net profit margin (%)	24.3	21.4	22.4	20.1

Source: Company, Centrum Research

Exhibit 8: Balance sheet

Y/E June (Rs mn)	FY07	FY08E	FY09E	FY10E
	801	1,609	1,609	1,609
Share capital Reserves & surplus	9,665	1,609	1,609	1,609
Total shareholder's fund	10,466	11,841	14,334	16,899
		,		
Loan fund	6,177	6,938	8,042	8,042
Deferred tax liability	346	395	395	395
Minority interest	-	15	15	15
Total capital employed	16,988	19,190	22,786	25,351
Gross block	8,283	10,583	14,533	18,033
Accumulated depreciation	3,619	4,090	6,105	8,228
Net Block	4,664	6,493	8,429	9,805
Capital WIP	1,463	1,729	1,729	1,729
Net fixed assets	6,127	8,222	10,158	11,534
Investments	976	2,816	2,816	2,816
Goodwill on consolidation	60	2,000	2,096	2,096
Cash and bank	6,390	2,598	2,849	3,666
Inventories	206	215	424	486
Debtors	3,770	5,018	6,089	6,704
Other current assets & loans & adv	885	1,160	2,013	2,277
Total current assets & loans & adv	11,251	8,991	11,374	13,134
Current liabilities and provisions	1,426	2,839	3,658	4,229
Net current assets	9,825	6,152	7,716	8,904
Total assets	16,988	19,190	22,786	25,351

Source: Company, Centrum Research

Exhibit 9: Cash Flow Statement

Y/E June (Rsmn)	FY07	FY08	FY09E	FY10E
Pre tax profit from operations	1841	2515	3248	3438
Depreciation	1018	1383	1757	2126
Interest expenses	7	0	47	72
Other non cash charges Operating profit before working capital	100	65	0	0
change	2967	3963	5052	5635
Working capital adjustments	(273)	(118)	(1314)	(371)
Direct tax paid Net cash generated from operating	(217)	(388)	(440)	(549)
activities	2477	3457	3299	4715
Capex	(2621)	(3477)	(3693)	(3502)
Investments	148	(1840)	0	0
Acquisition	0	(1940)	(96)	0
Interest/dividends received/sale of securities	103	179	471	486
Proceeds from share capital and premium	(110)	808	0	0
Borrowings/(Repayments)	6079	761	1104	0
Interest paid	(7)	0	(47)	(72)
Dividend paid	(470)	(473)	(786)	(809)
Addition to reserves on amalgamation	(95)	(1266)	0	0
Net cashflow from financing activities	5397	(170)	270	(881)
Net cash increase/(decrease)	5502	(3792)	251	818
Cash at the start of the year	887	6390	2598	2849
Cash at the end of the year	6390	2598	2849	3666
Source: Company Centrum Research				

Source: Company, Centrum Research

Exhibit 10: Key Ratios

Y/E June (Rs mn)	FY07	FY08E	FY09E	FY10E
Profitability ratios (%)				
EBIDTA margin	40.3	36.4	34.6	33.6
PBIT margin	26.0	23.5	22.5	20.9
PBT margin	27.3	25.0	25.4	23.4
PAT margin	24.3	21.4	22.4	20.1
Return ratios (%)				
ROCE	13.0	12.7	15.8	14.3
ROIC	18.9	18.4	18.8	16.8
ROE	17.4	20.7	25.1	21.6
Per share (Rs)				
Basic EPS	21.6	14.3	20.4	21.0
Fully diluted EPS	10.6	12.8	18.2	18.8
Book value	65.0	73.6	89.1	105.0
Valuation				
P/E	7.7	6.3	4.4	4.3
P/BV	1.2	1.1	0.9	0.8
EV/EBIDTA	4.0	3.6	2.8	2.4
EV/Sales	1.7	1.4	1.1	0.9
M-cap/Sales	1.8	1.2	0.9	0.8

Source: Company, Centrum Research

Disclaimer

Centrum Broking Pvt. Ltd.("Centrum") is a full-service, Stock Broking Company and is a member of The Stock Exchange, Mumbai (BSE) and National Stock Exchange of India Ltd. (NSE). Our holding company Centrum Capital Ltd. is an investment banker and an underwriter of securities. As a group Centrum has Investment Banking, Advisory and other business relationships with a significant percentage of the companies covered by our Research Group. Our research professionals provide important inputs into the Group's Investment Banking and other business selection processes.

Recipients of this report should assume that our Group is seeking or may seek or will seek Investment Banking, advisory, project finance or other businesses and may receive commission, brokerage, fees or other compensation from the company or companies that are the subject of this material/report. Our Company and Group companies and their officers, directors and employees, including the analysts and others involved in the preparation or issuance of this material and their dependants, may on the date of this report or from, time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. Our sales people, dealers, traders and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinion that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. We may have earlier issued or may issue in future reports on the companies covered herein with recommendations/ information inconsistent or different those made in this report. In reviewing this document, you should be aware that any or all of the foregoing, among other things, may give rise to or potential conflicts of interest. We and our Group may rely on information barriers, such as "Chinese Walls" to control the flow of information contained in one or more areas within us, or other areas, units, groups or affiliates of Centrum.

This report is for information purposes only and this document/material should not be construed as an offer to sell or the solicitation of an offer to buy, purchase or subscribe to any securities, and neither this document nor anything contained herein shall form the basis of or be relied upon in connection with any contract or commitment whatsoever. This document does not solicit any action based on the material contained herein. It is for the general information of the clients of Centrum. Though disseminated to clients simultaneously, not all clients may receive this report at the same time. Centrum will not treat recipients as clients by virtue of their receiving this report. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Similarly, this document does not have regard to the specific investment objectives, financial situation/circumstances and the particular needs of any specific person who may receive this document. The securities discussed in this report may not be suitable for all the investors. The securities described herein may not be eligible for sale in all jurisdictions or to all categories of investors. The countries in which the companies mentioned in this report are organized may have restrictions on investments, voting rights or dealings in securities by nationals of other countries. The appropriateness of a particular investment or strategy will depend on an investor's individual circumstances and, if necessary, seek professional/financial advice. Any such person shall be responsible for conducting his/her/their own investigation and analysis of the information contained or referred to in this document and of evaluating the merits and risks involved in the securities forming the subject matter of this document.

The projections and forecasts described in this report were based upon a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies. Projections and forecasts are necessarily speculative in nature, and it can be expected that one or more of the estimates on which the projections and forecasts were based will not materialize or will vary significantly from actual results, and such variances will likely increase over time. All projections and forecasts described in this report have been prepared solely by the authors of this report independently of the Company. These projections and forecasts were not prepared with a view toward compliance with published guidelines or generally accented accounting principles. No independent accountants have expressed an opinion or any other form of assurance on these projections or forecasts. You should not regard the inclusion of the projections or forecasts described herein as a representation or warranty by or on behalf of the Company, Centrum, the authors of this report or any other person that these projections or forecasts or their underlying assumptions will be achieved. For these reasons, you should only consider the projections and forecasts described in this report after carefully evaluating all of the information in this report, including the assumptions underlying such projections and forecasts.

The price and value of the investments referred to in this document/material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance. Future returns are not guaranteed and a loss of original capital may occur. 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. Centrum does not provide tax advise to its clients, and all investors are strongly advised to consult regarding any potential investment. Centrum and its affiliates accept no liabilities for any loss or damage of any kind arising out of the use of this report. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies effectively assume currency risk. Certain transactions including those involving futures, options, and other derivatives as well as non-investment-grade securities give rise to substantial risk and are not suitable for all investors. Please ensure that you have read and understood the current risk disclosure documents before entering into any derivative transactions.

This report/document has been prepared by Centrum based upon information available to the public and sources, believed to be reliable. No representation or warranty, express or implied is made that it is accurate or complete. Centrum has reviewed the report and, in so far as it includes current or historical information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed. The opinions expressed in this document/material are subject to change without notice and have no obligation to tell you when opinions or information in this report change.

This report or recommendations or information contained herein do/does not constitute or purport to constitute investment advice in publicly accessible media and should not be reproduced, transmitted or published by the recipient. The report is for the use and consumption of the recipient only. This publication may not be distributed to the public used by the public media without the express written consent of Centrum. This report or any portion hereof may not be printed, sold or distributed without the written consent of Centrum. Neither this document nor any copy of it may be taken or transmitted into the United State (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. The distribution of this document in other jurisdictions may be restricted by law, and persons into whose possession this document comes should inform themselves about, and observe, any such restrictions. Neither Centrum nor 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.

This document does not constitute an offer or invitation to subscribe for or purchase or deal in any securities and neither this document nor anything contained herein shall form the basis of any contract or commitment whatsoever. This document is strictly confidential and is being furnished to you solely for your information, may not be distributed to the press or other media and may not be reproduced or redistributed to any other person. In particular, neither this document nor any copy thereof may be taken or transmitted into the united states, canada or japan or distributed, directly or indirectly, in the united states, canada or japan or to any U.S. person.

The distribution of this report in other jurisdictions may be restricted by law and persons into whose possession this report comes should inform themselves about, and observe any such restrictions. By accepting this report, you agree to be bound by the fore going limitations. No representation is made that this report is accurate or complete

.The opinions and projections expressed herein are entirely those of the author and are given as part of the normal research activity of Centrum broking and are given as of this date and are subject to change without notice. Any opinion estimate or projection herein constitutes a view as of the date of this report and there can be no assurance that future results or events will be consistent with any such opinions, estimate or projection.

This document has not been prepared by or in conjunction with or on behalf of or at the instigation of, or by arrangement with the company or any of its directors or any other person. Information in this document must not be relied upon as having been authorised or approved by the company or its directors or any other person. Any opinions and projections contained herein are entirely those of the authors. None of the company or its directors or any other person accepts any liability whatsoever for any loss arising from any use of this document or its contents or otherwise arising in connection therewith.

Sanjeev Patni

Head - Institutional Equities

sanjeev.patni@centrum.co.in

91-22-6724 9699

Research

Harendra Kumar H		Stratogy	harondra kumar@contrum co.in	91-22-6724 9620
	Head - Research Economist	Strategy	harendra.kumar@centrum.co.in	91-22-6724 9620 91-22-6724 9619
,-,		Economy & Strategy	dhananjay.sinha@centrum.co.in	
,	5r. Analyst	Metals & Mining, Pipes	niraj.shah@centrum.co.in	91-22-6724 9685
	ör. Analyst	Automobiles/Auto Ancillaries	mahantesh.sabarad@centrum.co.in	91-22-6724 9855
51	Sr. Analyst	Power	r.madanagopal@centrum.co.in	91-22-6724 9684
	Analyst	Media, Education	a.anand@centrum.co.in	91-22-6724 9853
Anand Dama A	Analyst	Financial Services	anand.dama@centrum.co.in	91-22-6724 9644
Ankit Kedia A	Analyst	Media	ankit.kedia@centrum.co.in	91-22-6724 9634
Himani Singh A	Analyst	Hospitality, Healthcare	himani.singh@centrum.co.in	91-22-6724 9865
Nitin Padmanabhan A	Analyst	Technology	nitin.padmanabhan@centrum.co.in	91-22-6724 9638
Piyush Choudhary A	Analyst	Telecom	p.choudhary@centrum.co.in	91-22-6724 9862
Pranshu Mittal A	Analyst	Sugar, Retail	p.mittal@centrum.co.in	91-22-6724 9854
Rajan Kumar A	Analyst	Cement	rajan.kumar@centrum.co.in	91-22-6724 9640
Rupesh Sankhe A	Analyst	Real Estate, Infrastructure	rupesh.sankhe@centrum.co.in	91-22-6724 9636
Saikiran Pulavarthi A	Analyst	Financial Services	saikiran.pulavarthi@centrum.co.in	91-22-6724 9637
Siddhartha Khemka 🦳 A	Analyst	Logistics	siddhartha.khemka@centrum.co.in	91-22-6724 9857
Sriram Rathi A	Analyst	Pharmaceuticals	s.rathi@centrum.co.in	91-22-6724 9643
Adhidev Chattopadhyay A	Associate	Real Estate	adhidev@centrum.co.in	91-22-6724 9632
Janhavi Prabhu A	Associate	Sugar, Retail	janhavi.prabhu@centrum.co.in	91-22-6724 9864
Jatin Damania A	Associate	Metals & Mining, Pipes	jatin.damania@centrum.co.in	91-22-6724 9647
Vijay Nara A	Associate	Automobiles/Auto Ancillaries	vijay.nara@centrum.co.in	91-22-6724 9641
Sales				
V. Krishnan		+91-22-6724 9658	v.krishnan@centrum.co.in	+91 98216 23870
Ashish Tapuriah		+91-22-6724 9675	ashish.tapuriah@centrum.co.in	+91 98210 23870
			•	
Chirag Vora		+91-22-6724 9677	chirag.vora@centrum.co.in	+91 98207 63682
Ashvin Patil Siddharth Batra		+91-22-6724 9866 +91-22-6724 9863	ashvin.patil@centrum.co.in s.batra@centrum.co.in	+91 98338 92012 +91 99202 63525

Key to Centrum Investment Rankings

Buy: Expected outperform Nifty by>15%, **Accumulate**: Expected to outperform Nifty by +5 to 15%, **Hold**: Expected to outperform Nifty by -5% to +5%, **Reduce**: Expected to underperform Nifty by 5 to 15%, **Sell**: Expected to underperform Nifty by>15%

Centrum Broking Private Limited			
Member (NSE, BSE), Depository Participant (CDSL) and SEBI registered Portfolio Manager	REGD. OFFICE Address		
	Bombay Mutual Bldg.,2nd Floor, Dr. D. N. Road, Fort,		
Regn Nos	Mumbai - 400 001		
CAPITAL MARKET SEBI REGN. NO.: BSE: INB 011251130, NSE: INB231251134			
DERIVATIVES SEBI REGN. NO.: NSE: INF 231251134 (TRADING & SELF CLEARING MEMBER)	Correspondence Address		
CDSL DP ID: 12200. SEBI REGISTRATION NO.: IN-DP-CDSL-20-99	Centrum House, 6th Floor, CST Road, Near Vidya Nagar		
PMS REGISTRATION NO.: INP000000456	Marg,		
Website: www.centrum.co.in	Kalina, Santacruz (E), Mumbai 400 098.		
Investor Grievance Email ID: investor.grievances@centrum.co.in	Tel: (022) 6724 9000		