Media

BUY

# **DB** Corp

17 May 2018

**Result Update** 

# Steep increase in newsprint prices to impact margins

We maintain our BUY rating on DB Corp with a revised target price of Rs368. We believe the ad growth for the company in FY19E would be back ended driven by volumes and uptick in selective categories. Further the company would benefit in medium term as the increase in circulation would translate into readership leading to ad yield increase. Circulation revenue would continue to grow at double digit on the back of increase in copies while new radio stations have turned ebidta positive in Q4FY18 translating in margin expansion. We believe near term margins would be impacted with steep increase in newsprint prices. While dividend payout of ~7% for FY18 is a disappointment, management remains committed to share excess cash with shareholders over next 2 guarters.

- O Q4FY18 result below expectation: Company posted healthy 9.7% YoY growth in revenue to Rs5.7bn on 8.9% YoY growth in print ad revenues and 8.5% YoY growth in circulation revenues. Radio revenue was up by 9.3%YoY while digital posted a decline of 7.6%. Operating profit was down 12.8% YoY to Rs979mn with operating margin compression of 444bps to 17.3%. RM cost was up 20.5% on 18% growth in absolute circulation in last 9 months while other expense was up 20.3% YoY. PAT was down 11% YoY to Rs571mn (3.5% below expectation).
- O Increase in circulation to benefit in long run: While the print ad growth for Q4FY18 was at 8.9%, for FY18 it was mere 2.9% YoY. Sectors like education, FMCG, BFSI and certain smaller categories contributed to the growth. Management believes when the big sectors like real estate start to grow double digit, company would be able to post double digit ad growth in FY19E. Further the management strategy to increase circulation would help them in long run as its starts to reflect in readership and further in ad yields. Currently more than 80% of the ad growth was on the back of volumes while yield increase contributed ~20% of the growth.
- O High newsprint prices to impact profitability: We expect the newsprint prices to increase by 12-15% for FY19E while the management has increased copies by 14% in FY18 and further plans to add by 6-8% in FY19. While the company could save cost by lowering pagination, lowering imported newsprint consumption, marginally reducing the size of the newspaper we believe the operating margins would compress by 80bps to 23.4% in FY19. In FY18, operating profit had declined by 12% YoY to Rs5.6bn. However adjusting for gains from private treaty, radio royalty benefits in FY17 and one-time expansion expenses in FY18, operating profit would have been flat in FY18.
- O **Estimates cut; maintain BUY:** We have reduced our revenues by 1.8%/1.9% for FY19E/FY20E on lower ad growth while operating profit has been cut sharply by 14.1%/10.2% for FY19E/FY20E on increase in newsprint cost. PAT has been reduced by 14.3%/8.8% on same period. We maintain BUY rating on the stock, with a revised TP of Rs368 as we value the company on adjusted OCF (AOCF = OCF Interest) to EV yield based on five year average cash flows. Key downside risks being pressure on ad growth and sustained increase in newsprint cost.

Y/E Mar (Rs mn)	Q4FY18	Q4FY17	YoY%	Q3FY18	QoQ%	Q4FY18E	Variance %
Net sales	5,673	5,171	9.7	5,986	(5.2)	5,545	2.3
Employee Cost	1,095	1,059	3.3	1,091	0.3	1,100	(0.5)
Raw Material Cost	1,935	1,606	20.5	1,879	3.0	1,799	7.6
Admin and other exp	1,664	1,384	20.3	1,620	2.7	1,550	7.4
EBITDA	979	1,122	(12.8)	1,396	(29.8)	1,097	(10.7)
EBITDA Margin (%)	17.3	22	(444) bps	23.3	(605) bps	20	(251) bps
Depreciation	243	218		232		235	
PBT	789	950	(17.0)	1191	(33.8)	897	(12.0)
Provision for tax	218	309		410		305	
Adj PAT	571	642	(11.1)	781	(26.9)	592	(3.5)

Source: Company, Centrum Research

Target Pi	rice		Rs368	Key Data					
CMP*	CMP*		Rs265	Bloomberg Code	DBCLIN				
Upside			39%	Curr Shares O/S (mn)	184.0				
Previous 7	Target		Rs435	Diluted Shares O/S(mn)					
Previous Rating		Buy	Mkt Cap (Rsbn/USDmn)	48.8/719.4					
Price Per	forman	ce (%)*		52 Wk H / L (Rs)	424.2/283.6				
	1M	6M	1Yr	5 Year H / L (Rs)	424.2/170				
DBCL IN	(15.6)	(27.3)	(26.3)	Daily Vol. (3M NSE Avg.)	143110				
Nifty	Nifty 2.0 5.2								

\*as on 16 May 2018; Source: Bloomberg, Centrum Research

#### Shareholding pattern (%)\*

	Mar- 18	Dec- 17	Sep- 17	Jun - 17
Promoter	69.8	69.8	69.9	69.9
FIIs	17.6	16.7	15.6	15.8
DIIs	3.6	6.0	7.3	7.1
Others	9.1	7.4	7.2	7.3

Source: BSE, \*as on 16 May 2018

#### **Earning Revision**

Particulars		FY19E		FY20E				
(Rsmn)	New	Old	Chg (%)	New	Old	Chg (%)		
Sales	25,666	26,137	(1.8)	28,333	28,892	(1.9)		
EBITDA	6,006	6,993	(14.1)	7,232	8,056	(10.2)		
Ebitda margin (%)	23.4	26.8	(336) bps	25.5	27.9	(236) bps		
Adj PAT	3,456	4,032	(14.3)	4,279	4,694	(8.8)		

Source: Centrum Research Estimates

#### Centrum vs. Bloomberg Consensus\*

Particulars		FY18E		FY19E					
(Rsmn)	Centrum	BBG	Var (%)	Centrum	BBG	Var (%)			
Sales	25,666	25,677	(0.0)	28,333	27,983	1.3			
EBITDA	6,006	7,050	(14.8)	7,232	8,056	(10.2)			
PAT-adj.	3,456	4,132	(16.4)	4,279	4,791	(10.7)			

Bloomb	erg Conse	Centrum	Variance		
BUY	SELL	HOLD	Target Price (Rs)	Target Price (Rs)	(%)
13	2	5	401	368	(8.2)

\*as on 16 May 2018; Source: Bloomberg, Centrum Research Estimates

Ankit Kedia, ankit.kedia@centrum.co.in; 91 22 4215 9634

Y/E Mar (Rsmn)	Revenue	YoY (%)	EBITDA	EBITDA (%)	Adj. PAT	YoY (%)	FDEPS (Rs)	RoE (%)	RoCE (%)	PE (x)	EV/EBITDA (x)
FY16	20,493	2.0	5,348	26.1	2,921	(7.7)	15.9	21.3	18.6	20.6	11.2
FY17	22,580	10.2	6422	28.4	3,748	28.3	20.4	25.1	21.7	18.3	10.4
FY18P	23,285	3.1	5,638	24.2	3,240	(13.6)	17.6	18.6	16.2	20.6	11.3
FY19E	25,666	10.2	6,006	23.4	3,456	6.7	18.8	17.4	15.9	14.1	7.5
FY20E	28,333	10.4	7,232	25.5	4,279	23.8	23.3	19.7	18.0	11.4	5.9



# **Valuation**

We value DB Corp on AOCF/EV yield methodology. We ascribe a discount of 20% to historical long-term average AOCF/EV yield of FY14-18 and arrive at a target AOCF/EV yield of 5.7% for DB Corp, and hence, the implied EV/AOCF multiple of 17.4x. We have increased our discount from 10% to 20% to factor the pressure on earnings from sudden increase in newsprint prices and lower ad growth resulting in compression of return ratios. We use average cash flows generated over five years (and hence remain conservative) during FY16-20E and apply 5.7% Adj OCF yield to arrive at our target EV and our TP of Rs368. Reiterate Buy.

## **Exhibit 1: Cash Flow based Valuation**

20% discount       5.3         Implied EV/AOCF Multiple (x)       17.4         Average Adj. OCF (Rs mn) - FY16-20E       3,54         Target EV (Rs mn)       61,74         Less: Net debt (FY20E)       (6,046         Target market cap (Rs mn)       67,79	Target Price/share (Rs)	368
20% discount       5.3         Implied EV/AOCF Multiple (x)       17.4         Average Adj. OCF (Rs mn) - FY16-20E       3,54         Target EV (Rs mn)       61,744         Less: Net debt (FY20E)       (6,046)	No. of shares (mn)	184
20% discount       5.3         Implied EV/AOCF Multiple (x)       17.4         Average Adj. OCF (Rs mn) - FY16-20E       3,544         Target EV (Rs mn)       61,744	Target market cap (Rs mn)	67,790
20% discount 5 Implied EV/AOCF Multiple (x) 17.4  Average Adj. OCF (Rs mn) - FY16-20E 3,544	Less: Net debt (FY20E)	(6,046)
20% discount 5 Implied EV/AOCF Multiple (x) 17.4	Target EV (Rs mn)	61,744
20% discount 5	Average Adj. OCF (Rs mn) - FY16-20E	3,544
20% discount 5	Implied EV/AOCF Multiple (x)	17.4
5 Year average Adj. OCF Yield (AOCF/EV) - % (FY14-18) 4.8		5.7
	5 Year average Adj. OCF Yield (AOCF/EV) - % (FY14-18)	4.8

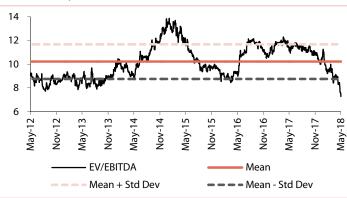
Source: Centrum research Estimates

# **Exhibit 2: Sensitivity Analysis**

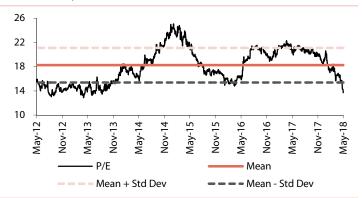
Sensitivity to key variables (FY19E)	% increase	% impact on EBITDA	% impact on EPS
Ad growth	1	2.7	3.1
RM Cost	1	(1.3)	(1.5)

Source: Company, Centrum Research Estimates

Exhibit 3: 1 year forward EV/EBITDA chart



# Exhibit 4: 1 year forward P/E chart



Source: Bloomberg, Company, Centrum Research Estimates

Source: Bloomberg, Company, Centrum Research Estimates

# **Exhibit 5: Comparative Valuations**

Sector Mkt Cap	CAGR FY18-FY20E (%)		EBITDA Margin (%)		PE (x)		EV/EBITDA (x)		RoE (%)		Div Yield (%)								
Sector	(Rsmn)	Rev.	EBITDA	PAT	FY18	FY19E	FY20E	FY18	FY19E	FY20E	FY18	FY19E	FY20E	FY18	FY19E	FY20E	FY18	FY19E	FY20E
DB Corp	48,770	10.3	13.3	14.9	24.2	23.4	25.5	20.6	14.1	11.4	11.3	7.5	5.9	18.6	17.4	19.7	0.3	3.0	3.8
HT Media	18,410	6.5	1.3	(7.0)	17.0	14.9	15.4	7.1	8.7	7.7	1.5	0.7	0.3	12.8	8.8	9.1	0.4	0.5	0.5
Jagran Prakashan	51570	8.7	12.4	15.6	26.6	27.4	28.4	17.4	13.9	12.0	8.3	6.4	5.4	15.6	17.7	18.7	2.2	3.0	3.6

Source: Centrum Research Estimates



# **Quarterly financials, Operating Metrics and Key Performance Indicators**

**Exhibit 6: Quarterly Financials** 

Y/E Mar (Rsmn)	Q1FY17	Q2FY17	Q3FY17	Q4FY17	Q1FY18	Q2FY18	Q3FY18	Q4FY18
Net Sales	5,704	5,391	6,273	5,171	5,943	5,683	5,986	5,673
Growth (%)	20.5	12.7	6.3	1.5	4.2	5.4	(4.6)	10
Raw Materials	1,600	1,634	1,769	1,606	1,708	1,786	1,879	1,935
% of sales	28.0	30.3	28.2	31.1	28.7	31.4	31.4	34
Employee Cost	1,068	1,066	1,085	1,059	1,091	1,088	1,091	1,095
%of Sales	18.7	19.8	17.3	20.5	18.4	19.1	18.2	19
Admin & other expenses	1225	1185	1436	1384	1281	1411	1,620	1,664
% of sales	21.5	22.0	22.9	26.8	21.6	24.8	27.1	29
EBITDA	1,812	1,505	1,982	1,122	1,864	1,399	1,396	979
EBIDTA Margins (%)	31.8	27.9	31.6	21.7	31.4	24.6	23.3	17.3
Depreciation	211	216	218	218	220	229	232	243
EBIT	1601	1290	1765	904	1644	1170	1,163	737
Interest expenses	34.0	5.6	30.2	4.8	15.6	20.4	11.1	19.9
Other Income	41.2	41.5	36.3	50.8	69.6	57.3	38.8	71.9
РВТ	1,608	1,325	1,771	950	1,698	1,207	1,191	789
Provision for tax	568	440	590	309	597	421	410	218
Effective tax rate (%)	35.3	33.2	33.3	32.5	35.1	34.8	34.4	27.6
Net Profit	1,040	885	1,181	642	1,101	787	781	571
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Reported Net Profit	1,040	885	1,181	642	1,101	787	781	571
Margins %								
Gross	72.0	69.7	71.8	68.9	71.3	68.6	68.6	65.9
EBIDTA	31.8	27.9	31.6	21.7	31.4	24.6	23.3	17.3
EBIT	28.1	23.9	28.1	17.5	27.7	20.6	19.4	13.0
PBT	28.2	24.6	28.2	18.4	28.6	21.2	19.9	13.9
PAT	18.2	16.4	18.8	12.4	18.5	13.8	13.0	10.1
Growth %								
Revenue	20.5	12.7	6.3	1.5	4.2	5.4	(4.6)	9.7
EBIDTA	51.6	38.5	4.5	(3.2)	2.9	(7.1)	(29.6)	(12.8)
Adj PAT	61.6	55.9	6.6	6.2	5.9	(11.1)	(33.9)	(11.1)
KPI's %								
Print Ad growth	20.2	<i>7</i> .3	2.4	(2.8)	4.5	6.0	(5.7)	8.9
Circulation Growth	15.1	11.5	8.9	7.1	4.9	8.0	6.1	8.5
Radio Rev growth	30.5	24.6	12.4	10.9	11.3	16.8	(7.6)	9.3
Digital Rev growth	20.8	19.6	33.1	18.5	(1.2)	(17.9)	(5.1)	(7.6)

Source: Company, Centrum Research

**Exhibit 7: Assumptions** 

Assumptions	FY15	FY16	FY17	FY18	FY19E	FY20E
Blended Ad growth %	7.0	(2.3)	7.9	2.8	9.9	11.2
Circulation growth %	16.5	16.3	10.5	8.0	12.5	9.2

Source: Company, Centrum Research Estimates



# **Financials**

# **Exhibit 8: Income Statement**

Y/E March (Rsmn)	FY16	FY17	FY18P	FY19E	FY20E
Revenues	20,493	22,580	23,285	25,666	28,333
Materials cost	6,186	6,609	7,307	8,899	9,757
% of revenues	30.2	29.3	31.4	34.7	34.4
Employee Cost	3,909	4,286	4,364	4,626	4,904
% of revenues	19.1	19.0	18.7	18.0	17.3
Others	5,050	5,264	5,976	6,135	6,440
% of revenues	24.6	23.3	25.7	23.9	22.7
EBITDA	5,348	6,422	5,638	6,006	7,232
EBIDTA Margins (%)	26.1	28.4	24.2	23.4	25.5
Depreciation & Amortisation	853	863	924	1,028	1,073
EBIT	4,496	5,559	4,714	4,978	6,159
Interest expenses	138	74	67	40	45
PBT from operations	4,357	5,485	4,647	4,937	6,114
Other Income	241	170	238	275	340
PBT	4,599	5,654	4,885	5,212	6,454
Taxes	1,678	1,907	1,645	1,757	2,175
Effective tax rate (%)	36.5	33.7	33.7	33.7	33.7
Net Profit	2,921	3,748	3,240	3,456	4,279
Minority interest	-	-	-	-	-
Reported Net Profit	2,921	3,748	3,240	3,456	4,279
Adj Net Profit	2,921	3,748	3,240	3,456	4,279

Source: Company, Centrum Research Estimates

# **Exhibit 9: Key Ratios**

Y/E March	FY16	FY17	FY18P	FY19E	FY20E
Growth ratios (%)					
Revenues	2.0	10.2	3.1	10.2	10.4
EBIDTA	(4.9)	20.1	(12.2)	6.5	20.4
Adj Net Profit	(7.7)	28.3	(13.6)	6.7	23.8
Margin ratios (%)					
EBIDTA Margins	26.1	28.4	24.2	23.4	25.5
PBT from operations Margins	21.3	24.3	20.0	19.2	21.6
Adj PAT Margins	14.3	16.6	13.9	13.5	15.1
Return Ratios (%)					
ROCE	18.6	21.7	16.2	15.9	18.0
RoIC	19.4	24.4	18.8	18.8	23.4
RoE	21.3	25.1	18.6	17.4	19.7
Turnover Ratios (days)					
Gross block turnover (x)	1.6	1.6	1.5	1.5	1.6
Debtors	67.2	67.5	84.9	85.0	80.0
Creditors	21.0	20.6	24.9	22.0	22.0
Inventory	29.8	32.1	25.1	29.0	29.0
Cash conversion cycle	76.0	79.0	85.1	92.0	87.0
Solvency Ratio					
Debt-equity	0.1	0.1	0.0	0.0	0.0
Net Debt-equity	(0.0)	(0.1)	(0.2)	(0.2)	(0.3)
Current ratio	2.9	3.4	3.5	4.1	4.3
Interest coverage ratio	32.5	74.6	70.4	123.3	137.3
Gross debt/EBITDA	0.3	0.1	0.1	0.1	0.1
Per Share (Rs)					
FDEPS (Adjusted)	15.9	20.4	17.6	18.8	23.3
CEPS	20.5	25.1	22.6	24.4	29.1
Book Value	76.1	86.7	103.0	112.2	123.5
Dividend	11.0	4.0	1.0	8.0	10.0
Dividend Payout (%)	83.4	23.6	6.8	51.1	51.6
Valuations (x)					
PER	20.6	18.3	20.6	14.1	11.4
P/BV	4.3	4.3	3.5	2.4	2.1
EV/EBIDTA	11.2	10.4	11.3	7.5	5.9
Dividend yield (%)	3.4	1.1	0.3	3.0	3.8
5 Yr Avg AOCF/EV yield %	4.8	4.6	5.2	7.6	8.3

Source: Company, Centrum Research Estimates

# **Exhibit 10: Balance Sheet**

Y/E March (Rsmn)	FY16	FY17	FY18P	FY19E	FY20E
Share Capital	1,837	1,839	1,840	1,840	1,840
Reserves & Surplus	12,138	14,105	17,124	18,813	20,884
Total Shareholders Funds	13,975	15,944	18,964	20,653	22,724
Total Debt	1,373	809	449	449	449
Minority Interest	-	-	-	-	-
Deferred Tax Liab	813	781	804	804	804
Total Liabilities	16,161	17,533	20,217	21,906	23,977
Gross Block	13,983	14,967	16,804	17,504	18,304
Less:- Accumulated Depreciation	5,047	5,865	6,788	7,816	8,889
Net Block	8,936	9,103	10,016	9,688	9,415
Capital WIP	459	214	213	213	213
Total net assets	9,395	9,316	10,229	9,901	9,628
Investments	440	269	356	356	356
Inventory	1,675	1,987	1,599	2,039	2,251
Debtors	3,773	4,177	5,418	5,977	6,210
Loans & advances	3,330	3,288	3,533	3,710	3,896
Cash & bank balances	900	1,744	2,893	3,725	5,823
Total current assets	9,679	11,196	13,443	15,452	18,180
Trade navables	1 100	1,276	1 501	1 5 4 7	1,708
Trade payables Other current liabilities	1,180		1,591	1,547	
	1,970	1,753	2,028	2,053	2,267
Provisions	203	219	193	202	212
Net current assets	6,326	7,948	9,632	11,649	13,993
Total	16,161	17,534	20,217	21,906	23,977

Source: Company, Centrum Research Estimates

# **Exhibit 11: Cash Flow**

Y/E March (Rsmn)	FY16	FY17	FY18P	FY19E	FY20E
CF before WC changes	5,674	6,454	5,638	6,006	7,232
Working capital changes	(517)	(1,198)	(535)	(1,184)	(246)
Cash from Operations	3,411	3,315	3,481	3,065	4,811
Adj. OCF (OCF-Interest)	3,273	3,240	3,414	3,025	4,766
Change in Fixed assets	(1,991)	(525)	(1,837)	(700)	(800)
Adj. FCF (AOCF-Capex)	1,282	2,715	1,578	2,325	3,966
Cash from investing	(1,831)	(34)	(1,686)	(425)	(460)
Cash from financing	(2,449)	(2,436)	(647)	(1,807)	(2,253)
Net change in cash	(869)	845	1,149	833	2,098

Source: Company, Centrum Research Estimates



# **Appendix A**

#### Disclaimer

Centrum Broking Limited ("Centrum") is a full-service, Stock Broking Company and 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. Centrum or its affiliates do not own 1% or more in the equity of this company Our sales people, dealers, traders and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions 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. Centrum or its affiliates do not make a market in the security of the company for which this report or any report was written. Further, Centrum or its affiliates did not make a market in the subject company's securities at the time that the research report was published.

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 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 objectives. Persons who may receive this document should consider and independently evaluate whether it is suitable for his/ her/their particular 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 and 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 advice 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 currencies 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.

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. The distribution of this report in other jurisdictions may be restricted by law and persons into whose possession this report comes should inform themselves

5



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 authorized 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.

Centrum and its affiliates have not managed or co-managed a public offering for the subject company in the preceding twelve months. Centrum and affiliates have not received compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for service in respect of public offerings, corporate finance, debt restructuring, investment banking or other advisory services in a merger/acquisition or some other sort of specific transaction.

As per the declarations given by them, Mr. Ankit Kedia, research analyst and and/or any of his family members do not serve as an officer, director or any way connected to the company/companies mentioned in this report. Further, as declared by him, he has not received any compensation from the above companies in the preceding twelve months. He does not hold any shares by him or through his relatives or in case if holds the shares then will not to do any transactions in the said scrip for 30 days from the date of release such report. Our entire research professionals are our employees and are paid a salary. They do not have any other material conflict of interest of the research analyst or member of which the research analyst knows of has reason to know at the time of publication of the research report or at the time of the public appearance.

While we would endeavour to update the information herein on a reasonable basis, Centrum, its associated companies, their directors and employees are under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent Centrum 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 Centrum policies, in circumstances where Centrum is acting in an advisory capacity to this company, or any certain other circumstances.

This report is not directed to, 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 or regulation or which would subject Centrum Broking Limited or its group companies to any registration or licensing requirement within such jurisdiction. Specifically, this document does not constitute an offer to or solicitation to any U.S. person for the purchase or sale of any financial instrument or as an official confirmation of any transaction to any U.S. person unless otherwise stated, this message should not be construed as official confirmation of any transaction. No part of this document may be distributed in Canada or used by private customers in United Kingdom.

The information contained herein is not intended for publication or distribution or circulation in any manner whatsoever and any unauthorized reading, dissemination, distribution or copying of this communication is prohibited unless otherwise expressly authorized. Please ensure that you have read "Risk Disclosure Document for Capital Market and Derivatives Segments" as prescribed by Securities and Exchange Board of India before investing in Indian Securities Market.



Source: Bloomberg, Centrum Research

6



	Disclosure of Interest Statement				
1	Business activities of Centrum Broking Limited (CBL)	Centrum Broking Limited (hereinafter referred to as "CBL") is a registered member of NSE (Cash, F&O and Currency Derivatives Segments), MCX-SX (Currency Derivatives Segment) and BSE (Cash segment), Depository Participant of CDSL and a SEBI registered Portfolio Manager.			
2	Details of Disciplinary History of CBL	CBL has not been debarred/ suspended by SEBI or any other regulatory authority from accessing /dealing in securities market.			
3	Registration status of CBL:	CBL is registered with SEBI as a Research Analyst (SEBI Registration No. INH000001469)			

		DB Corp	HT Media	Jagran Prakashan
4	Whether Research analyst's or relatives' have any financial interest in the subject company and nature of such financial interest	No	No	No
5	Whether Research analyst or relatives have actual / beneficial ownership of 1% or more in securities of the subject company at the end of the month immediately preceding the date of publication of the document.	No	No	No
6	Whether the research analyst or his relatives has any other material conflict of interest	No	No	No
7	Whether research analyst has received any compensation from the subject company in the past 12 months and nature of products / services for which such compensation is received	No	No	No
8	Whether the Research Analyst has received any compensation or any other benefits from the subject company or third party in connection with the research report	No	No	No
9	Whether Research Analysts has served as an officer, directoror employee of the subject company	No	No	No
10	Whether the Research Analyst has been engaged in market making activity of the subject company.	No	No	No

#### **Rating Criteria**

Rating	Market cap < Rs20bn	Market cap > Rs20bn but < 100bn	Market cap > Rs100bn
Buy	Upside > 20%	Upside > 15%	Upside > 10%
Hold	Upside between -20% to +20%	Upside between -15% to +15%	Upside between -10% to +10%
Sell	Downside > 20%	Downside > 15%	Downside > 10%

# Member (NSE and BSE)

# Regn No.:

CAPITAL MARKET SEBI REGN. NO.: BSE: INB011454239
CAPITAL MARKET SEBI REGN. NO.: NSE: INB231454233
DERIVATIVES SEBI REGN. NO.: NSE: INF231454233
(TRADING & CLEARING MEMBER)
CURRENCY DERIVATIVES: MCX-SX INE261454230
CURRENCY DERIVATIVES:NSE (TM & SCM) – NSE 231454233

### **Depository Participant (DP)**

CDSL DP ID: 120 – 12200 SEBI REGD NO. : CDSL : IN-DP-CDSL-661-2012

PORTFOLIO MANAGER

SEBI REGN NO.: INP000004383

Website: www.centrum.co.in Investor Grievance Email ID: investor.grievances@centrum.co.in

#### **Compliance Officer Details:**

Kavita Ravichandran

(022) 4215 9842; Email ID: Compliance@centrum.co.in

# Centrum Broking Ltd. (CIN :U67120MH1994PLC078125) Registered Office Address Bombay Mutual Building , 2nd Floor, Dr. D. N. Road, Fort, Mumbai - 400 001 Corporate Office & Correspondence Address Centrum House 6th Floor, CST Road, Near VidyaNagari Marg, Kalina, Santacruz (E), Mumbai 400 098. Tel: (022) 4215 9000

7