# **Siemens**

## NEUTRAL

# **Challenges persist**

Owing to slowing Private/Public capex and tight liquidity environment, SIL delivered 8/7/5% Rev/EBIDTA/APAT miss. We have upgraded FY19/20E EPS by (1)/3.7%. Maintain NEU on Siemens India Ltd. (SIL) with a TP of Rs 1,197/sh (vs. Rs 1,165/sh earlier).

#### **HIGHLIGHTS OF THE QUARTER**

- Muted performance: SIL posted a 4.1% YoY revenue growth primarily led by the Mobility/POC business. The large revenue contributors - Gas & Power and Smart Infrastructure growth remained flat YoY.
- New business structure to bring synergies: SIL, in line with its Parent's Vision 2020+, has re-organized business verticals to four vs. five earlier. The intent is to achieve business synergies and improve product/services delivery to clients. Though the new reporting started from 3QFY19, it includes Mobility Business reporting (sale on hold).
- Market liquidity remains a concern: As Liquidity continues to remain a cause of concern for the industry, with delayed payments and inventory offtake slowing down, the company continued to focus on

- driving short term/digitalization businesses with a clear focus on working capital management.
- Mobility business sale put on hold for time being: During Feb-2018, the company reached an agreement with its parent Siemens AG for the sale of its Mobility and Mechanical Drives businesses. However, the sale has now been put on hold for the time being. Earlier European Competition Commission had rejected Mobility business sale by Siemens AG to Alstom.

#### **STANCE**

SIL faces headwinds on back of slowing Pvt/Public capex and tight liquidity environment. The company needs to bank on less cyclical segments like Smart Infrastructure. Government investment in Gas & Power is expected to recover as the installed base ages and upgrades are needed. Meanwhile, Metro projects will drive the Mobility segment. While Mobility business sale being put on hold for time is a minor reprieve we await clarity on highest revenue contributing segment Power & Gas. We maintain NEU. Key risks (1) Delays in Government capex recovery, (2) Slowdown in private investments, (3) INR depreciation, and (4) Any adverse corporate action.

## **Financial Summary**

(Rs mn, Sep year-end)	3QFY19	3QFY18	YoY (%)	2QFY19	QoQ (%)	FY17	FY18	FY19E	FY20E
Net Revenues	31,984	30,730	4.1	35,496	(9.9)	110,148	127,251	136,666	155,586
EBITDA	3,537	3,023	17.0	4,105	(13.8)	10,512	13,161	15,224	17,103
APAT	2,481	2,044	21.4	2,808	(11.6)	6,911	8,939	10,672	12,304
Diluted EPS (Rs)	7.0	5.7	21.4	7.9	(11.6)	19.4	25.1	30.0	34.6
P/E (x)						56.7	43.8	36.7	31.8
EV / EBITDA (x)						33.4	27.0	23.2	20.4
RoE (%)						9.5	11.2	12.3	13.0

Source: Company, HDFC sec Inst Research

INDUSTRY	CA	CAPITAL GOODS			
CMP (as on 7)	Aug 20:	<i>19)</i> Rs	1,101		
<b>Target Price</b>		Rs	1,197		
Nifty			10,856		
Sensex			36,691		
KEY STOCK DAT	Ά				
Bloomberg			SIEM IN		
No. of Shares (n	nn)		356		
MCap (Rs bn) /	(\$ mn)	39	2/5,530		
6m avg traded v	6m avg traded value (Rs mn)				
STOCK PERFORI	MANCE	(%)			
52 Week high /	low	Rs 1,3	67/841		
	3M	6M	12M		
Absolute (%)	(1.9)	5.1	6.9		
Relative (%)	2.2	5.8	9.4		
SHAREHOLDING	PATTE	RN (%)			
	Ma	ar-19	Jun-19		
Promoters		75.0	75.0		
FIs & Local MFs		11.3	11.82		
FPIs		2.3	2.06		
Public & Others		11.4	11.12		
Pledged Shares		-	-		
Source : BSE					

#### Parikshit D Kandpal, CFA

parikshitd.kandpal@hdfcsec.com +91-22-6171-7317

## **Shrey Pujari**

shrey.pujari@hdfcsec.com +91-22-6639-3035



Revenue – Rs 31.9bn (+4/-10% YoY/QoQ, 8% miss)

EBITDA – Rs 3.5bn (+17/-14% YoY/QoQ, 7% miss) with a margin of 11.1% (+122/-51bps YoY/QoQ)

APAT: Rs 2.5bn (+21/-12% YoY/QoQ, 5% miss)

Other operating income during the quarter was Rs 825mn – incentives under Merchandise Exports from India Scheme for licensing application made in the previous financial year ending September 2018.

We change our estimates based on the 9MFY19 performance of the company. Our FY19/20E EPS get revised (0.9)%/3.7%

## **Quarterly Financials Snapshot**

(Rs mn, Sep year-end)	3QFY19	3QFY18	YoY (%)	2QFY19	QoQ (%)
Net Sales	31,984	30,730	4.1	35,496	(9.9)
Material Cost	20,901	20,388	2.5	24,403	(14.4)
Employee Cost	3,973	3,799	4.6	4,235	(6.2)
Other Expenses	3,573	3,520	1.5	2,753	29.8
EBITDA	3,537	3,023	17.0	4,105	(13.8)
Depreciation	512	500	2.4	571	(10.3)
EBIT	3,025	2,523	19.9	3,534	(14.4)
Interest	2	4	(50.0)	24	(91.7)
Other Income (Incl. EO)	825	692	19.2	830	(0.6)
PBT	3,848	3,211	19.8	4,340	(11.3)
Tax	1,367	1,167	17.1	1,532	(10.8)
RPAT	2,481	2,044	21.4	2,808	(11.6)
EO Items	-	-		-	
APAT	2,481	2,044	21.4	2,808	(11.6)

Source: Company, HDFC sec Inst Research

## **Margin Analysis**

Margin Analysis	3QFY19	3QFY18	YoY (bps)	2QFY19	QoQ (bps)
Material Cost (% net sales)	65.3	66.3	(99.7)	68.7	(340.0)
Employee Cost (% net sales)	12.4	12.4	5.9	11.9	49.1
Other Expenses (% net sales)	17.1	17.3	(17.0)	11.3	581.3
EBITDA Margin (%)	11.1	9.8	122.1	11.6	(50.6)
Tax rate (%)	35.5	36.3	(81.9)	35.3	22.5
APAT Margin (%)	7.8	6.7	110.6	7.9	(15.4)

Source: Company, HDFC sec Inst Research

#### **Change in estimates**

Rs mn	FY19E New	FY19E Old	(% Change)	FY20E New	FY20E Old	(% Change)
Net Revenues	136,666	139,739	(2.2)	155,586	153,720	1.2
EBITDA	15,399	15,126	1.8	17,103	16,446	4.0
Margins (%)	11.3	10.8	44.3bps	11.0	10.7	29.4bps
APAT	10,672	10,769	(0.9)	12,304	11,868	3.7

The company began segmental reporting based on the market oriented structure as a part of its vision 2020+

The intent is to achieve business synergies and improve product/services delivery to clients

High growth was witnessed in Mobility and Portfolio of Companies segments

The profitability is driven by Gas and Power and Mobility business

## **Segmental Revenue**

(Rs mn, Sep year-end)	3QFY19	3QFY18	YoY (%)	2QFY19	QoQ(%)
Revenues (Rs mn)					
Gas and Power	11,314	11,436	(1.1)	12,588	(10.1)
Smart infrastructure	9,218	9,106	1.2	9,958	(7.4)
Mobility	2,490	2,132	16.8	3,380	(26.3)
Digital Infrastructure	6,278	5,931	5.9	7,009	(10.4)
Portfolio of Companies	2,951	2,275	29.7	3,004	(1.8)
Others	329	347	(5.2)	331	(0.6)
Total (Ex intersegment)	32,580	31,227	4.3	36,270	(100.0)
EBIT (Rs mn)					
Gas and Power	1,543	997	54.8	1,603	(3.7)
Smart infrastructure	717	877	(18.2)	1,000	(28.3)
Mobility	297	161	84.5	610	(51.3)
Digital Infrastructure	421	414	1.7	505	(16.6)
Portfolio of Companies	(173)	(19)	810.5	(203)	(14.8)
Others	220	93	136.6	14	1,471.4
Total (Ex intersegment)	3,025	2,523	19.9	3,529	(99.4)
EBIT margins (%)					
Gas and Power	13.6	8.7	492	12.7	90
Smart infrastructure	7.8	9.6	(185)	10.0	(226)
Mobility	11.9	7.6	438	18.0	(612)
Digital Infrastructure	6.7	7.0	(27)	7.2	(50)
Portfolio of Companies	(5.9)	(0.8)	(503)	(6.8)	90
Others	66.9	26.8	4,007	4.2	6,264
Total	9.3	8.1	121	9.7	(44)



With lack of clarity on hiving off its largest business division (Gas & Power), Mobility and mechanical drives business, we are constrained to value Siemens at a relatively low multiple

Though during 3QFY19, SIL management highlighted that sale of Mobility and Mechanical drives business is not being pursued for time being. We believe this has some connotation to European regulator rejecting the Alstom deal. Final clarity is still awaited on this though this quarter announcement is a minor reprieve

Recommend NEU with a TP of Rs 1,197/sh (35x Sep-FY20E EPS) vs. Rs 1,165/sh earlier. Price increase largely on account of 3.7% increase in FY20E EPS estimate

#### Valuation

#### Neutral – TP of Rs 1,197/sh

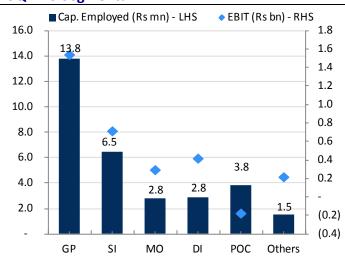
- While SIL is well placed to monetize its strength in digitalization of Manufacturing/Smart Infra, we feel the positives are well captured in the current valuations. A delay in capex recovery or private investments can also dampen the inflows.
- SIL board of directors at the meeting held on 21<sup>st</sup> Feb 2018 had in principle agreed to sell Mobility and Mechanical drives business to Siemens AG Germany. Subsequently the deal with Alstom was rejected by European Competition Commission. However, this

- transaction has been put on a back burner for the time being. We await more clarity on management on same, though it's a partial reprieve.
- We value Siemens' standalone operations at 35x Sep-FY20E earnings and arrive at a TP of Rs 1,197/sh (vs. Rs 1,165/sh earlier). With lack of clarity on monetization of its largest business division (Gas & Power) as well as the Mobility division (though currently not being pursued for time being), we maintain NEUTRAL.



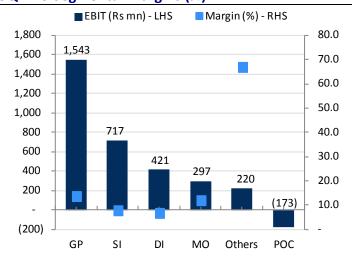
Despite a difficult quarter, with the company focused liquidity management, the company secured orders worth Rs 30.2bn (+6%/-17% YoY/QoQ)

#### **3QFY19 Segmental EBIT**



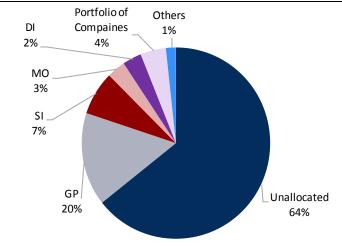
Source: Company, HDFC sec Inst Research; GP – Gas and Power, SI: Smart Infrastructure DI – Digital Infrastructure, MO – Mobility, POC –Portfolio of Companies

## **3QFY19 Segmental Margins (%)**



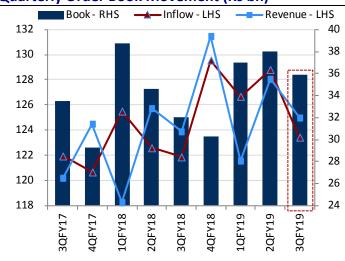
Source: Company, HDFC sec Inst Research; GP – Gas and Power, SI: Smart Infrastructure DI – Digital Infrastructure, MO – Mobility, POC –Portfolio of Companies

## Capital Employed – 3QFY19 (Rs 87.2bn)



Source : Company, HDFC sec Inst Research \*Excl. Inter Segmental & Unallocable

## **Quarterly Order Book Movement (Rs bn)**



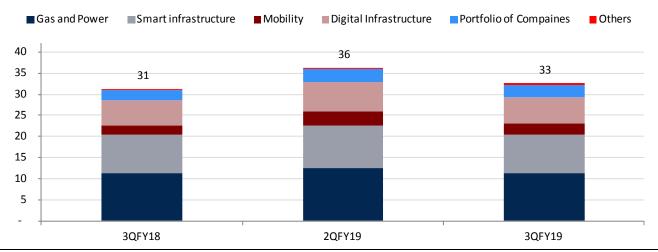
Source : Company, HDFC sec Inst Research \*Excl. Inter Segmental



Gas and Power business have shown a 492bps improvement in EBIT margin YoY.

Though Other business segment shown a EBIT margin of 66%, it is not a significant contributor to the overall EBIT margin due to its revenue contribution of ~1% in 3QFY19

## **Quarterly Segmental Revenue Trend (Rs bn)**



Source: Company, HDFC sec Inst Research

## **Quarterly Segmental EBIT Margins Trend**

%	3QFY18	2QFY19	3QFY19
Gas and Power	8.7	12.7	13.6
Smart infrastructure	9.6	10.0	7.8
Mobility	7.6	18.0	11.9
Digital Infrastructure	7.0	7.2	6.7
Portfolio of Compaines	(0.8)	(6.8)	(5.9)
Others	26.8	4.2	66.9
Total	8.1	9.7	9.3



# Vision 2020+: Market Oriented Set Up Of New Structure

	Old Divisions						
PG	Power Generation Products & Services						
ru	Power Generation Services						
	Transmission Solutions						
EM	HV Products, Transformers						
CIVI	Digital Grid						
	Medium Voltage & Systems, Low Voltage & Products						
ВТ	Solution & Services						
	Control Products & Systems						
	Control Products						
DF	Factory Automation						
DF	Motion Control						
	Customer Services						
	Process Automation						
PD	Large Drives						
ייי	Mechanical Drives						
	Process Solutions						



	New Divisions
	Power Generation Operations
	Power Generation
GP	Transmission
	EPC Projects
	Service & Digital
	Regional Solution & Services
	Digital Grid
SI	Distribution Systems
31	Low Voltage Products
	Control Products
	Building Products
	Factory Automation
DI	Motion Control
Di	Process Automation
	Customer Services
	Large Drives
POC	Mechanical Drives
	Process Solutions



## **Income Statement: (Rs mn)**

Year ending September	FY16	FY17	FY18	FY19E	FY20E
Net Revenues	108,094	110,148	127,251	136,666	155,586
Growth (%)	2.8	1.9	15.5	7.4	13.8
Material Expenses	71,812	73,504	85,864	92,500	103,400
Employee Expenses	14,139	13,926	14,487	16,614	18,152
Other Operating Expenses	11,940	12,205	13,739	12,327	16,931
EBIDTA	10,203	10,512	13,161	15,224	17,103
EBIDTA (%)	9.4	9.5	10.3	11.1	11.0
EBIDTA Growth (%)	4.8	3.0	25.2	15.7	12.3
Depreciation	2,263	1,967	1,967	2,195	2,315
EBIT	7,940	8,546	11,194	13,029	14,788
Other Income (Incl. EO Items)	31,568	8,222	2,800	3,351	3,942
Interest	91	77	82	87	88
РВТ	39,417	16,691	13,912	16,293	18,642
Tax	10,091	5,355	4,973	5,621	6,338
RPAT	29,326	11,336	8,939	10,672	12,304
EO items (net of tax)	(22,824)	(4,425)	-	-	-
APAT	6,502	6,911	8,939	10,672	12,304
APAT Growth (%)	12.3	6.3	29.3	19.4	15.3
EPS	18	19.4	25.1	30.0	34.6
EPS Growth (%)	12.3	6.3	29.3	19.4	15.3

Source: Company, HDFC sec Inst Research

# Balance Sheet: (Rs mn)

As at September	FY16	FY17	FY18	FY19E	FY20E
SOURCES OF FUNDS					
Share Capital	712	712	712	712	712
Reserves	67,496	76,335	82,342	89,481	97,863
<b>Total Shareholders Funds</b>	68,208	77,047	83,054	90,193	98,575
Total Debt	-	-	-	-	-
Other Non Current Liabilities	2,394	2,573	2,750	3,025	3,328
Deferred Taxes	(3,351)	(2,442)	(2,665)	(2,665)	(2,665)
TOTAL SOURCES OF FUNDS	67,250	77,178	83,139	90,553	99,238
APPLICATION OF FUNDS					
Net Block	13,052	13,344	13,514	13,419	13,104
CWIP	791	1,430	624	624	624
Investments	550	550	550	550	550
Other Non Current Assets	8,632	10,855	15,935	17,529	19,281
<b>Total Non-current Assets</b>	23,025	26,179	30,623	32,122	33,559
Inventories	9,993	10,165	11,389	12,925	14,448
Debtors	30,059	34,156	36,504	40,012	46,387
Cash & bank balances	35,094	40,713	36,457	38,550	42,423
Other Current Assets	18,017	17,576	24,854	27,588	29,492
<b>Total Current Assets</b>	93,163	102,610	109,204	119,075	132,750
Creditors	21,920	26,556	30,303	31,678	35,411
Other Current Liabilities & Provns	27,019	25,054	26,385	28,966	31,660
<b>Total Current Liabilities</b>	48,939	51,611	56,688	60,644	67,071
Net Current Assets	44,224	50,999	52,516	58,431	65,679
TOTAL APPLICATION OF FUNDS	67,250	77,178	83,139	90,553	99,238



## Cash Flow: Standalone (Rs mn)

Year ending September	FY16	FY17	FY18	FY19E	FY20E
PBT	39,416	16,691	13,051	16,293	18,642
Non-operating & EO items	(31,474)	(6,826)	(4,063)	(3,351)	(3,942)
Interest expenses	91	77	82	87	88
Depreciation	2,264	1,966	1,967	2,195	2,315
Working Capital Change	(1,720)	1,744	(8,361)	(5,141)	(4,825)
Tax paid	(3,493)	(8,114)	(4,973)	(5,621)	(6,338)
OPERATING CASH FLOW (a)	5,084	5,538	(2,297)	4,462	5,940
Capex	(2,874)	3,289	(1,788)	(2,100)	(2,000)
Free cash flow (FCF)	2,210	8,827	(4,085)	2,362	3,940
Investments	26,721	(2,747)	1,196	-	-
Non operating income	1,327	2,137	1,769	3,351	3,942
INVESTING CASH FLOW ( b )	25,174	2,679	1,177	1,251	1,942
Share capital Issuance	-	-	-	-	-
Dividend payment	(16,073)	(2,572)	(3,054)	(3,533)	(3,921)
Debt Issuance	-	-	-	-	-
Interest expenses	(50)	(26)	(82)	(87)	(88)
FINANCING CASH FLOW ( c )	(16,123)	(2,598)	(3,136)	(3,620)	(4,009)
NET CASH FLOW (a+b+c)	14,135	5,619	(4,256)	2,093	3,873
Opening Cash & Equivalents	20,959	35,094	40,713	36,457	38,550
Closing Cash & Equivalents	35,094	40,713	36,457	38,550	42,423

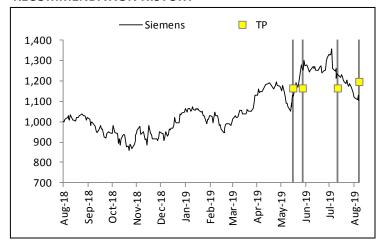
Source: Company, HDFC sec Inst Research

## **Key Ratios: Standalone**

Rey Ratios: Standarone	EV16	EV17	EV10	EV10E	EV20E
PROFITABILITY (%)	FY16	FY17	FY18	FY19E	FY20E
GPM	33.6	33.3	32.5	32.3	33.5
EBITDA Margin	9.4	9.5	10.3	11.1	11.0
EBIT Margin	7.3	7.8	8.8	9.5	9.5
APAT Margin	6.0	6.3	7.0	7.8	7.9
RoE	10.9	9.5	11.2	12.3	13.0
Core RoCE	21.6	18.6	18.7	18.6	19.3
RoCE	11.0	9.6	11.2	12.4	13.1
EFFICIENCY					
Tax Rate (%)	25.6	32.1	35.7	34.5	34.0
Asset Turnover (x)	3.6	3.4	3.7	3.7	4.0
Inventory (days)	34	34	33	35	34
Debtors (days)	101	113	105	107	109
Payables (days)	74	88	87	85	83
Cash Conversion (days)	61	<i>59</i>	50	<i>57</i>	60
Other Current Assets (days)	61	58	71	74	69
Other Current Liab (days)	91	83	76	77	74
Net Working Capital Cycle (Days)	31	34	46	53	55
Debt/EBITDA (x)	0.0	0.0	0.0	0.0	0.0
Net D/E	(0.5)	(0.5)	(0.4)	(0.4)	(0.4)
Interest Coverage	87.7	110.8	136.5	149.8	168.0
PER SHARE DATA					
EPS (Rs/sh)	18.3	19.4	25.1	30.0	34.6
CEPS (Rs/sh)	24.6	24.9	30.6	36.1	41.1
DPS (Rs/sh)	45.1	7.2	8.6	9.9	11.0
BV (Rs/sh)	192	216	233	253	277
VALUATION					
P/E	60.2	56.7	43.8	36.7	31.8
P/BV	5.7	5.1	4.7	4.3	4.0
EV/EBITDA	35.0	33.4	27.0	23.2	20.4
OCF/EV (%)	1.4	1.6	(0.6)	1.3	1.7
FCF/EV (%)	0.6	2.5	(1.1)	0.7	1.1
FCFE/Market Cap (%)	0.6	2.2	(1.1)	0.6	1.0
Dividend Yield (%)	4.1	0.7	0.8	0.9	1.0
Source: Company HDEC sec Inst Rese		• • • •			



#### **RECOMMENDATION HISTORY**



Date	CMP Reco		Target	
17-May-19	1,130	NEU	1,165	
29-May-19	1,262	NEU	1,165	
11-Jul-19	1,236	NEU	1,165	
8-Aug-19	1,101	NEU	1,197	

#### **Rating Definitions**

BUY : Where the stock is expected to deliver more than 10% returns over the next 12 month period NEUTRAL : Where the stock is expected to deliver (-)10% to 10% returns over the next 12 month period : Where the stock is expected to deliver less than (-)10% returns over the next 12 month period

# HDFC securities Institutional Equities

Unit No. 1602, 16th Floor, Tower A, Peninsula Business Park, Senapati Bapat Marg, Lower Parel, Mumbai - 400 013 Board: +91-22-6171 7330 www.hdfcsec.com



#### Disclosure:

We, Parikshit Kandpal, CFA & Shrey Pujari, MBA, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. HSL has no material adverse disciplinary history as on the date of publication of this report. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

Research Analyst or his/her relative or HDFC Securities Ltd. does not have any financial interest in the subject company. Also Research Analyst or his relative or HDFC Securities Ltd. or its Associate 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. Further Research Analyst or his relative or HDFC Securities Ltd. or its associate **does not have** any material conflict of interest.

#### Any holding in stock -No

HDFC Securities Limited (HSL) is a SEBI Registered Research Analyst having registration no. INH000002475.

#### Disclaimer:

This report has been prepared by HDFC Securities Ltd and is solely for information of the recipient only. The report must not be used as a singular basis of any investment decision. The views herein are of a general nature and do not consider the risk appetite or the particular circumstances of an individual investor; readers are requested to take professional advice before investing. Nothing in this document should be construed as investment advice. Each recipient of this document should make such investigations as they deem necessary to arrive at an independent evaluation of an investment in securities of the companies referred to in this document (including merits and risks) and should consult their own advisors to determine merits and risks of such investment. The information and opinions contained herein have been compiled or arrived at, based upon information obtained in good faith from 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. Descriptions of any company or companies or their securities mentioned herein are not intended to be complete. HSL is not obliged to update this report for such changes. HSL has the right to make changes and modifications at any time.

This report is not directed to, or intended for display, downloading, printing, reproducing or for distribution to or use by, any person or entity who is a citizen or resident or located in any locality, state, country or other jurisdiction where such distribution, publication, reproduction, availability or use would be contrary to law or regulation or what would subject HSL or its affiliates to any registration or licensing requirement within such jurisdiction.

If this report is inadvertently sent or has reached any person in such country, especially, United States of America, the same should be ignored and brought to the attention of the sender. This document may not be reproduced, distributed or published in whole or in part, directly or indirectly, for any purposes or in any manner.

Foreign currencies denominated securities, wherever mentioned, are subject to exchange rate fluctuations, which could have an adverse effect on their value or price, or the income derived from them. In addition, investors in securities such as ADRs, the values of which are influenced by foreign currencies effectively assume currency risk. It should not be considered to be taken as an offer to sell or a solicitation to buy any

This document is not, and should not, be construed as an offer or solicitation of an offer, to buy or sell any securities or other financial instruments. This report should not be construed as an invitation or solicitation to do business with HSL. HSL may from time to time solicit from, or perform broking, or other services for, any company mentioned in this mail and/or its attachments.

HSL and its affiliated company(ies), their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (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.

HSL, 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.

HSL and other group companies, its directors, associates, employees may have various positions in any of the stocks, securities and financial instruments dealt in the report, or may make sell or purchase or other deals in these securities from time to time or may deal in other securities of the companies / organizations described in this report.

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

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

HSL or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither HSL nor Research Analysts have any material conflict of interest at the time of publication of this report. Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. HSL may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report.

Research entity has not been engaged in market making activity for the subject company. Research analyst has not served as an officer, director or employee of the subject company. We have not received any compensation/benefits from the subject company or third party in connection with the Research Report.

HDFC securities Limited, I Think Techno Campus, Building - B, "Alpha", Office Floor 8, Near Kanjurmarg Station, Opp. Crompton Greaves, Kanjurmarg (East), Mumbai 400 042 Phone: (022) 3075 3400 Fax: (022) 2496 5066

Compliance Officer: Binkle R. Oza Email: complianceofficer@hdfcsec.com Phone: (022) 3045 3600

HDFC Securities Limited, SEBI Reg. No.: NSE, BSE, MSEI, MCX: INZ000186937; AMFI Reg. No. ARN: 13549; PFRDA Reg. No. POP: 11092018; IRDA Corporate Agent License No.: CA0062; SEBI Research Analyst Reg. No.: INH000002475; SEBI Investment Adviser Reg. No.: INA000011538; CIN - U67120MH2000PLC152193

Mutual Funds Investments are subject to market risk. Please read the offer and scheme related documents carefully before investing.