# **SBI Cards and Payment Services Ltd**

## **AXIS Securities**

#### **IPO NOTE**

#### Issue Highlights

- Incorporated in 1998, SBI Cards and Payment Services (SBIC) is the second-largest credit card issuer in India (next to HDFC Bank), with 18% market share of the Indian credit card market in terms of the number of credit cards outstanding and 17.9% market share in terms of total credit card spends as on September 2019.
- SBIC offers an extensive credit card portfolio to individual cardholders and corporate clients which includes lifestyle, rewards, travel and fuel, shopping, banking partnership cards and corporate cards covering all major cardholder segments in terms of income profiles and lifestyles.
- State Bank of India (SBI) owns 74% in the company and the rest is owned by CA Rover (controlled by Carlyle Group). Prior to December 2017, SBI had 60% stake with GE Capital owning remaining 40%. In December 2017, GE Capital completely exited from the company. Post this event, SBI increased its stake to 74% while CA Rover bought the remaining 26% stake.
- As a subsidiary of SBI, the company has access to SBI's extensive network of 22,007 branches across India. The partnership enables it to market its cards to a huge customer base of 43.6 cr customers. SBIC has partnered with several leading names across industries, including Air India, Apollo Hospitals, BPCL, Etihad Guest, Fbb, IRCTC, OLA Money and Yatra, amongst others
- SBIC has a diversified revenue model whereby the company generates both non-interest income (primarily comprised of fee-based income such as interchange fees, late fees and annual fees, among others) as well as interest income on credit card receivables. Share of non-interest income has steadily increased over the past three years, from 43.6% in FY17 to 48.9% in FY19.
- The company's total income increased at a CAGR of 44.9% and the revenues from operations have increased at a CAGR of 44.6% between FY2017 to 2019. The net profit grew at a CAGR of 52.1% during the period.

#### **Valuations**

 The issue is priced at ~48x 1HFY20 EPS (annualised) of Rs 15.6 and ~16x BVPS. It does not have any listed peers on domestic stock exchanges.

#### Objects of the issue

Purpose	Amt (Rs cr)
Offer for Sale	9790 -9855
Fresh Issue - Augmenting capital base to meet company's	
future capital requirements.	500

#### Issue highlights

**Issue size:** Rs 10290 Cr – 10355 Cr **Offer for sale:** Rs 9790 Cr – 9855 Cr

Fresh Issue: Rs 500 Cr

No. of shares: 13.719 Cr – 13.715 Cr

Face value: Rs 10

Issue summary

**Price:** Rs 750 – Rs 755 **Bid lot:** 19 shares

Issue opens: March 2, 2020 Issue closes: March 5, 2020 Tentative Listing: March 16, 2020 Lead managers: Kotak, Axis Capital,

BOFA, HSBC

Registrar: Link Intime India

#### Shareholding (%)

	Pre-issue	Post-issue
Promoter-SBI	74.0	~70.0
Investor-CA Rover	26.0	~16.0
Public	0.0	~14.0
Total	100	100

	Pre issue	Post
Number of shares (In crore)	93.23	93.896/ 93.900

# Lower price Band/ Upper Price Band

#### Issue break-up

Category	No. of shares	% of	
	(in cr) #	issue	
QIB	6.860 – 6.857	50	
Non-institutional	2.058 – 2.057	15	
Retail	4.802 – 4.800	35	

# Lower price Band - Upper Price Band

#### Financial summary

Period	Net Income	PAT	EPS	BV	ROA	ROE
FY2017	2942.6	372.8	4.8	18.5	4.0	28.6
FY2018	4658.7	601.1	7.4	29.8	4.5	31.6
FY2019	6269.6	862. <i>7</i>	9.4	39.9	4.8	29.1
1HFY20	4055.9	725.9	15.6	47.0	6.5	36.8

Source: Company, Axis Sec, 1HFY20 Annualised EPS



# **BUSINESS OVERVIEW**

SBIC is the second-largest credit card issuer in India, with 18% market share of the Indian credit card market in terms of the number of credit cards and 17.9% market share of the Indian credit card market in terms of total credit card spends as on September 2019.

The company offers an extensive credit card portfolio to individual cardholders and corporate clients which includes lifestyle, rewards, travel and fuel, shopping, banking partnership cards and corporate cards covering all major cardholder segments in terms of income profiles and lifestyles.

SBIC started operations in 1998, and since then SBI's parentage has helped to quickly establish a reputation of trust, reliability and transparency with cardholders. Its business has grown faster than the Indian credit card market over the past three years both in terms of numbers of credit cards outstanding and amounts of credit card spends. From FY17 to FY19, total credit card spends grew at a 54.2% CAGR (as compared to a 35.6% CAGR for the overall credit card industry) and the number of credit cards outstanding grew at a 34.5% CAGR (as compared to a 25.6% CAGR for the overall credit card industry).

SBIC has a sales force of 33,086 outsourced sales personnel operating out of 133 Indian cities which engages prospective customers through multiple channels, including physical points of sale in bank branches, retail stores, malls, fuel stations, railway stations, airports, corporate parks and offices, as well as through tele-sales, online channels, email, SMS marketing and mobile applications.

SBIC has a presence in 3,009 open market points of sale across India as of September 30, 2019. In addition, partnership with SBI provides with access to SBI's extensive network of 22,007 branches across India, which enables to market credit cards to SBI's vast customer base of 43.6cr customers as FY19.

Total income increased from Rs 3471 crs in FY17 to Rs 7286 crs in FY19 at a CAGR of 44.9%. Net profit increased from Rs 373 crs in FY17 to Rs 862 crs in FY19 at a CAGR of 52.1%. ROAA has increased from 4.0% in FY17 to 4.8% in FY19.



# **STRENGTHS**

# Second largest credit card issuer in India

SBIC is the second-largest credit card issuer in India both in terms of numbers of credit cards outstanding and amounts of credit card spends, with 94.6 lac credit cards outstanding as on September 2019. It is the largest pure-play credit card issuer in India with 20 years' operating history. From March 31 2017 to March 31, 2019, total credit card spends grew at a 54.2% CAGR (as compared to a 35.6% CAGR for the Indian credit card industry, according to the RBI) and the number of our credit cards outstanding grew at a 34.5% CAGR (as compared to a 25.6% CAGR for the Indian credit card industry, according to the RBI). During that same period, revenues from operations increased from Rs 3346.2cr in FY17 to Rs 6999.1cr in FY19 at a CAGR of 44.6%, while net profit increased from Rs 372.8cr in FY17 to 862.7cr in FY19 at a CAGR of 52.1%.

## Diversified customer acquisition capabilities

SBIC has a diversified customer acquisition network that allows engagement of prospective customers across multiple platforms, which is a key strength and competitive advantage. It is the leading player in open market customer acquisitions in India. SBIC deploys a sales force of 33,086 outsourced sales personnel operating out of 133 Indian cities and engages prospective customers through multiple channels, including physical points of sale, telesales and online. When a point of sale is not directly managed by the company, SBIC works with 11 non-bank co-brand partners and seven co-brand bank partners using their distribution network, communication channels and customer interactions to market credit card products to their existing customers. Collectively with co-brand partners, company is present in 3,009 open market physical points of sale in India. Out of the aforesaid outsourced sales personnel, 4,350 outsourced workforce is for tele-sales.

# Supported by a strong brand and pre-eminent Promoter

Brand, reputation and cardholder satisfaction are critical factors in developing the credit card business and improving market position. Substantially all of the credit cards carry the SBI Card brand, which is a highly trusted and recognizable brand in India. The SBI Card brand has been awarded Reader's Digest "Most Trusted Brand" in India award in the credit card category 11 times since 2008, and it won The Economic Times' "Best BFSI Brand" in India award in the credit cards category in 2019. According to a brand track survey



conducted by Kantar IMRB in 2019, the SBI Card brand had attained 100% total awareness and 34% top-of-mind awareness recall among consumers as of December 31, 2018, the highest among all credit card brands surveyed. Promoter, SBI, is India's largest commercial bank and relationship with SBI provides access to SBI's extensive branch network of 22,007 branches across India and enables to market credit cards to SBI's largely untapped customer base comprising 43.6 cr customers as of March 31, 2019.

# Diversified portfolio of credit card offerings

SBIC's credit card portfolio caters to individual cardholders and corporate clients, and includes lifestyle, rewards, travel and fuel, shopping, banking partnership cards and corporate credit cards. The company offers four primary SBI branded credit cards: SimplySave, SimplyClick, Prime and Elite, each catering to a varying set of cardholder needs. In addition, SBIC is also the largest co-brand credit card issuer in India according to the CRISIL Report, and offer a wide portfolio of co-brand credit cards in partnership with several major players in the travel, fuel, fashion, healthcare and mobility industries, including Air India, Apollo Hospitals, BPCL, Etihad Guest, Fbb, the IRCTC, OLA Money and Yatra, among others.

## Advanced risk management and data analytics capabilities

SBIC's advanced risk management infrastructure is robust and data-intensive, both in terms of frequency and volume of review, and is guided by data analytics capabilities. The company evaluates a large number of data points to generate credit decisions. The company possesses a large database of cardholder demographic and socio-economic data (such as cardholders' purchase patterns, behaviors and payment histories) derived from the numerous transactions carried out by millions of cardholders each year. This information covers existing and historical cardholder accounts across all portfolios and is a significant business asset, enabling in-depth analysis of cardholder propensities and modeling of future performance. The company analyzes this data together with data obtained from credit bureaus and other sources to, among other things, generate underwriting scorecards tailored to cardholder demographics, proactively mitigate risks, and reduce losses and delinquencies. To more effectively monitor and manage existing cardholders' accounts, SBIC analyzes not just their behavioral score but also several other related variables. The company also reviews all of cardholder accounts on a monthly basis to minimize inconsistencies in the information underpinning those variables.



# **STRATEGIES**

To become market leader in India's highly underpenetrated credit card market: SBIC operates in the Indian credit card market, which presents significant growth potential due to its favorable demographic changes and relatively low credit card penetration rate. Over the past five years, India has undergone major demographic changes that have significantly benefited its business. India, which had traditionally been a high savings economy, began to shift toward increased consumption levels, with household savings as a percentage of GDP falling significantly from 24.0% in fiscal 2012 to 17.0% in FY18, and its mode of savings began to shift away from physical assets toward financial assets. Despite these favorable demographic changes, India's credit card markets still remain largely underpenetrated. In calendar year 2017, the average number of credit cards outstanding per 100 persons in India was 2.2 as compared to 320.0 in the United States, 42.0 in China and 73.0X in Brazil, and credit cards spends as a percentage of GDP stood at 3.0% as compared to 17.0% in the United States, 25.0% in Hong Kong and 12.0% in Brazil. India still has one of the highest levels of youth demographics with a median age of 26.8 as of FY15

Expand customer acquisition capabilities to grow cardholder base: As part of this strategy, company aims to increase the number of open market physical points of sale that are operating across India. In particular, the company is focused on increasing presence in India's tier II and tier III cities where cardholder base has historically been underrepresented, but which have contributed an increasing proportion of new accounts in recent years. SBIC also remains committed to entering into new co-brand partnerships, including with leading organized retail chains, online aggregators and financial marketplaces, to tap into new cardholder segments by cross-selling into new co-brand partners' customer base. Partnership with SBI in particular has the potential to become a significant source of new customer acquisitions in the future.

Tap into new cardholder segments by broadening portfolio of credit card products: SBIC intends to tap into new cardholder segments by continuing to expand portfolio of credit card products to meet the needs of existing cardholders and prospective customers, particularly by offering new credit card products tailored for different income-based and lifestyle segments. Among the planned new credit card product categories, SBIC intends to tap into



the super-premium segment by offering new credit cards tailored for the needs of high-networth cardholders.

Stimulate growth in credit card transaction volumes: As part of efforts to increase volumes, SBIC plans to increasingly leverage data analytics platform to deliver more targeted and timely offers to its cardholders. The company is especially focused on rolling out such offers to cardholders located in India's tier II and tier III cities, which have contributed an increasing proportion of new accounts in recent years.

Enhance cardholder experience: SBIC is focused on continuing to invest in digital and mobile capabilities to enhance cardholder experience. It is committed toward expanding the use of contactless card in the near future. The company will also continue promoting the use of digital credit cards, which are delivered directly to cardholders' mobile phones and provide them with an additional convenience factor.

# **RISK FACTORS**

- Competition in the credit card market from other credit card issuers
- Dependence on parent company/third party payment networks
- Regulatory intervention on interchange fee/MDR
- Unsecured portfolio in slowing economy
- Competition from peers

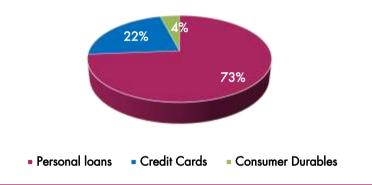


# INDUSTRY OVERVIEW

There are 74 credit card issuers in India, including the top-three Indian private banks (HDFC Bank, Axis Bank and ICICI Bank) and SBI Card – the leading pure-play credit card issuer. Credit card spends have registered robust growth, growing at a CAGR of 32.0% from FY15 to FY19, and growth is expected to continue to reach Rs. 15.0 trillion in total credit card spends for FY24. The Government's vision of a cash-less society, digitalization, developments in e-commerce, and growth in POS infrastructure have encouraged the use of credit cards.

Credit cards expected to grow at the fastest rate as part of the unsecured loans market While personal loans form a major component of unsecured loans, credit cards outstanding is forecast to grow at the fastest pace of 23.0% CAGR over the next five years, driven by the rising issuance of cards in smaller cities, increasing organized retail penetration and growth in payments infrastructure.

# **Unsecured loans Breakup**



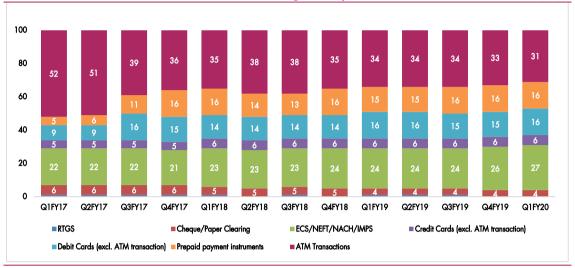
Note: Data is for fiscal 2019. Source: CRISIL Research, Company

### Increasing share of digital channels in domestic payment transactions

The share of different channels in domestic money transfer has changed significantly over the past five years. Banks, for example, are witnessing a change in customer behavior, with fewer customers visiting bank branches for transactions. The figure below also depicts the significant increase in the use of credit cards, mobile banking and PPIs post demonetization in volume terms.





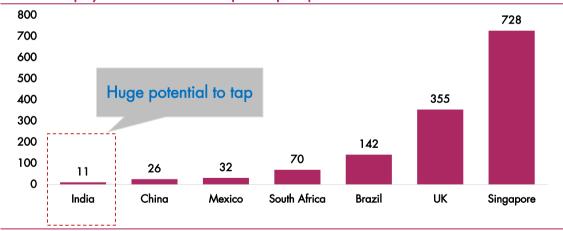


Source: RBI, CRISIL Research, Company

### Structural enablers for growth in the digital payments sector

According to a NITI Aayog report (January 2017), per capita non-cash payment transactions (including digital payments) in India are among the lowest compared with similar countries, as depicted in the figure below.





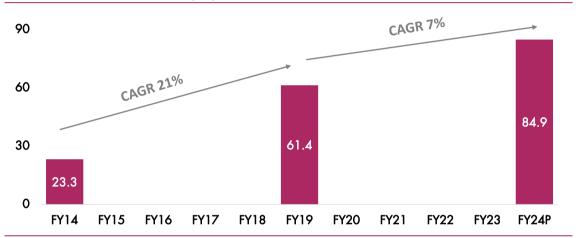
Source: NITI Aayog report (January 2017), Company



## Expansion of payment acceptance infrastructure

Higher mobile penetration, improved connectivity and faster data speed and cheapest data rates, supported by Aadhaar and bank account penetration have led India to shift from being a cash-dominated economy to a digital one. India has witnessed a drastic surge in internet users over the past few years with wireless data subscribers increasing from 23.3 cr in FY14 to 61.4 cr in FY19, registering a CAGR of 21%.

# Wireless data subscribers (Cr)



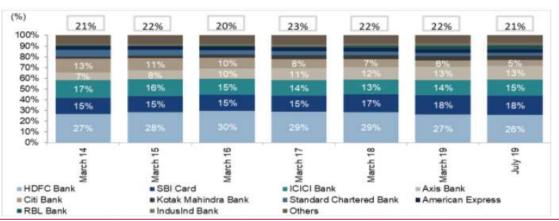
Note: E: Estimates, P: Projected, Source: TRAI, CRISIL Research, Company



# **COMPETITVE SCENARIO**

There are a total of 74 players offering credit cards in India, with the top three private banks (HDFC Bank, Axis Bank and ICICI Bank) and SBI Card, as the leading pure-play credit card issuer, dominating the credit card businesses with a total of ~72% market share by number of outstanding credit cards as on March 2019 and ~66% market share by credit card spends in FY19.

# SBIC gradually increased market share



Note: Figures in box represents share of other players except top 5 players. Source: RBI, Company, CRISIL Research.

## **Peer Key Parameters**

	FY14	FY15	FY16	FY17	FY18	FY19	Market Share FY19	CAGR growth
Number of credit cards in force (In cr)								
HDFC Bank	0.51	0.6	0.73	0.85	1.07	1.25	27%	19%
SBI Card	0.29	0.32	0.36	0.46	0.63	0.83	18%	24%
ICICI Bank	0.32	0.33	0.37	0.43	0.5	0.66	14%	16%
Axis Bank	0.14	0.17	0.24	0.33	0.45	0.6	13%	34%
Citi Bank	0.24	0.24	0.24	0.25	0.27	0.27	6%	2%
Number of transactions (In cr)								
HDFC Bank	16.1	19.8	25.3	33.3	40.5	48.6	27%	25%
SBI Card	6.5	7.8	11	15.5	21.2	28	16%	34%
ICICI Bank	7.2	9.1	10.9	15	18.9	24.1	14%	27%
Axis Bank	2.7	4.1	5.9	8.8	12.8	16.8	9%	44%
Citi Bank	9.6	11.2	13.1	17.3	21.9	23.9	13%	20%
Average spend per transaction								
HDFC Bank	2,847	2,918	2,964	2,929	3,273	3,504	-	4%
SBI Card	2,520	2,726	2,669	2,835	3,635	3,713	-	8%
ICICI Bank	2,376	2,380	2,454	2,409	2,724	2,795	-	3%
Axis Bank	3,243	3,350	3,098	3,257	3,453	3,695	-	3%
Citi Bank	2,785	2,764	2,716	2,458	2,236	2,227	-	-4%

Source: RHP



# COMPANY FINANCIALS

### Income statement

Year End	FY1 <i>7</i>	FY18	FY19	1HFY20
Interest Income	1,888.2	2,760.0	3,575.7	2,211.6
Interest Expense	528.4	<i>7</i> 11.5	1,017.2	621.3
Net interest income	1,359. <i>7</i>	2,048.5	2,558.5	1,590.2
Non-Interest Income	1,458.0	2,427.0	3,423.4	2,152.4
Net income	2,942.6	4,658.7	6,269.6	4,055.9
Operating expenses	1,839.0	2,939.3	3,790.3	2,295.5
Pre provision profit	1,103.6	1,719.4	2,479.3	1,760.4
Provisions	532.0	800.1	1,1 <i>47.7</i>	725.8
Profit before tax	571.6	919.3	1,331.6	1,034.6
Tax	198.8	318.2	468.9	308.7
Profit after tax	372.8	601.1	862.7	725.9

Source: Company, Axis Sec

## **Balance sheet**

Year End	FY1 <i>7</i>	FY18	FY19	1HFY20
Equity	785.0	<i>7</i> 85.0	837.2	932.4
Reserves	663.8	1,568.1	2,744.5	3,377.6
Net worth	1,448.8	2,353.1	3,581. <i>7</i>	4,309.9
Borrowings	7,729.5	10,414.8	12,453.7	16,181.0
Other Liabilities & Provisions	1,586.6	2,918.2	4,204.2	3,968.2
Total liabilities	10,765.0	15,686.0	20,239.6	24,459.2
Cash and bank	282.9	472.7	776.8	492.7
Investments	0.0	0.0	1.5	1.5
Loans	9,982.9	14,045.5	1 <i>7</i> ,908.7	22,279.5
Others Assets	499.2	1,167.8	1,552.7	1,685.5
Total assets	10,765.0	15,686.0	20,239.6	24,459.2

Source: Company, Axis Sec

# **Key Ratios**

Year End	FY1 <i>7</i>	FY18	FY19	1HFY20*
NIM	15.3	16.5	15.5	15.3
RoA	4.0	4.5	4.8	6.5
RoE	28.6	31.6	29.1	36.8
GNPA (%)	2.3	2.8	2.4	2.3
NNPA (%)	0.8	1.0	0.8	0.8
EPS	4.8	7.4	9.4	5.6
BVPS	18.5	29.8	39.9	47.0

Source: Company, Axis Sec, \*Annualised



#### 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 banks and has its various subsidiaries engaged in businesses of Asset management, NBFC, Merchant Banking, Trusteeship, Venture Capital, and 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, etc. in the subject company in the last 12-month period.

#### Research Team

Sr. No	Name	Designation	E-mail
1	Siji Philip	Research Analyst	siji.philip@axissecurities.in

- 5. 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.
- 6. 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;

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 advise 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.

Neither this report 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. 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 alternations 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.- Unit No. 2, Phoenix Market City, 15, LBS Road, Near Kamani Junction, Kurla (west), Mumbai-400070, Tel No. – 022 40508080 / 022 61480808, Reg. off.- Axis House, 8th Floor, Wadia International Centre, PandurangBudhkar Marg, Worli, Mumbai – 400 025.Compliance Officer: AnandShaha, E-Mail ID: compliance.officer@axisdirect.in,Tel No: 022-42671582.