

Aavas Financiers Ltd



Rs 818-821

September 25, 2018

September 27, 2018

Refer to important disclosures at the end of this report

The affordable story; SUBSCRIBE

Price Band Rs818-821

Rating SUBSCRIBE

Issue Details

Price Band

Issue Open

Issue Closes

- Focus on low ticket individual housing Present across various geographies: Aavas Financiers (AAVAS) is engaged in affordable housing lending with average ticket size of Rs8.5L and spread across different geographies (eight states). The company managed to grow its advances by ~67.2% CAGR whereas disbursements grew by ~64.5% CAGR for FY14-18. The management of the company is risk averse and has conservatively built their existing portfolio with Zero exposure to developer finance, under construction properties else land financing. The company also has categorically avoided customers directly linked to Agriculture else dairy activities in order to avoid volatile revenue model.
- Adequate ALM match along with zero exposure towards capital market borrowings to support spreads in coming quarters: The company management has stringent ALM maturity norms whereby average liability maturity is 136 months (11 years) whereas assets are being matured at an average duration of 8 years which provides consistency to spreads of the company. Also being exposed to bottom end of the customer profile, the company is able to command price which further safeguards margins. The company has loans at fixed rates of Rs15bn against fixed rate liabilities of Rs10bn which again safeguards margins.
- Asset quality profile stable Checks and Balances in place: Being engaged in mortgage finance business, the company has witnessed relatively stable asset quality trends in past. The management has team of 300 employees to undertake overall underwriting process for each individual case. They have also formed 300 employees team for collections and recoveries who have an adequate experience in the field. The company tracks delinquencies on ~1 day default and appropriate actions are initiated at very advance stages of default.
- Sufficient capital to fuel growth engine Improvement in credit ratings to drive RoE outperformance: AAVAS manages to have excessive capital adequacy with CAR at ~61.6% as on March 2018 and with fresh issues of Rs4bn, the same is expected to inch up further. The promoter of the company has been infusing capital on regular intervals in order to maintain low leverage. The move was intended to improve overall rating profile of the company. The management is expecting a further rating upgrade (from A+ to AA) post completion of equity listing which would allow the company to accelerate its overall leverage from ~3.8x in FY18 to an industry average of 8-10x. This may lead to an overall RoE improvement to ~20% in next 2-3 years.
- Robust business profile with high probability of RoE expansion; recommend SUBSCRIBE to IPO: AAVAS has announced an IPO price band of Rs818-821. At an upper price band of Rs821, the stock is available at ~3.5x P/FY18 Book (post money) & ~56x P/FY18 earnings with ~10.2% FY18 ROEs (pre-dilution). As the company accelerates its overall leverage, the likely probability of achieving superior RoEs of ~20% remains fairly high. Also with sufficient capital already in place, further risk of dilution is also quite limited. We recommend SUBSCRIBE to the IPO.

Financial Snapshot (Standalone)

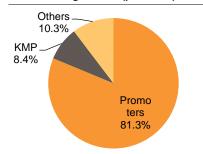
(Rs mn)	FY14	FY15	FY16	FY17	FY18
Net income	241	510	940	1,627	2,682
Net profit	63	191	328	571	929
EPS (Rs)	2.0	5.5	8.2	11.1	15.9
BVPS (Rs)	17.8	29.4	51.2	110.1	187.5
RoA (%)	1.5	3.0	2.6	2.7	3.0
RoE (%)	11.4	24.3	21.5	14.8	11.2
PE (x) – at issue price Rs821/share	402.5	148.2	99.6	74.0	51.7
Caurage Campany Embray Daggarah					

Issue Size (mn shares) 21.12-21.14 Issue Size (Rs bn) 17.28-17.34 No. of shares Pre-issue (mn) 73.7 No. of shares Post issue (mn) 78.60-78.61 Post issue mkt cap (Rs bn) 64.3-64.5 Issue Structure (mn shares) Fresh Issue of Rs4bn 4.87-4.89 OFS 16.25 **Total** 21.12-21.14

Objects of the Issue

The objects of the issue are to achieve the benefits of listing on stock exchanges and to carry out the sale of equity shares offered for sale by the promoters. In addition, the company proposes to utilize the net proceeds from the fresh issue towards augmenting its capital base to meet future capital requirements.

Shareholding Pattern (pre-issue)



Source: Company, Emkay Research

This report is solely produced by Emkay Global. The following person(s) are responsible for the production of the recommendation:

Jignesh Shial

jignesh.shial@emkayglobal.com +91-22-66242468

Kushan Parikh, CFA kushan.parikh@emkayglobal.com +91-022-66242431

Himanshu Taluja

himanshu.taluja@emkayglobal.com +91-022-66121248

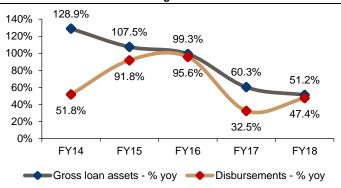
source: Company, Emkay Researc

Investment Argument

Focus on low ticket individual housing - Present across various geographies

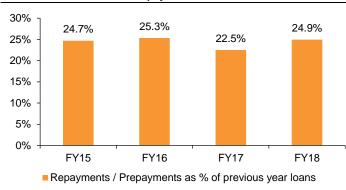
Aavas Financiers (AAVAS) is engaged in affordable housing lending with average ticket size of Rs8.5L and spread across different geographies (eight states). The company managed to grow its advances by ~67.2% CAGR whereas disbursements grew by ~64.5% CAGR for FY14-18. The company managed to maintain overall Repayment levels at ~24% annually of which ~12% pertains to balance transfer (Pre-payment) whereas balance are payments in normal course of business.

Exhibit 1: AUM - Disbursement growth



Source: Company, Emkay Research

Exhibit 2: Trends in Loan Repayment

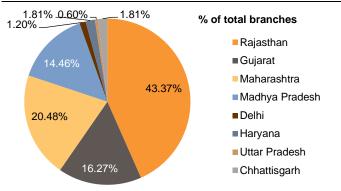


Source: Company, Emkay Research

The management of the company is risk averse and has conservatively built their existing portfolio with Zero exposure to developer finance, under construction properties else land financing. ~85% of house funded by the company are solo structure houses whereas balance are apartments. The company also has categorically avoided customers directly linked to Agriculture else dairy activities in order to avoid volatile revenue model.

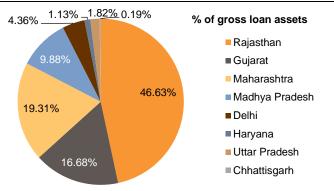
Rajasthan being the home state contributes ~46.6% of gross loans and ~43.4% of branches. Apart from this, the company is also present across eight different states. Interestingly, out of 165 branches at present, ~135 branches are located in towns with population of less than ~1mn.

Exhibit 3: State wise distribution of branches



Source: Company, Emkay Research

Exhibit 4: State wise distribution of Loans book



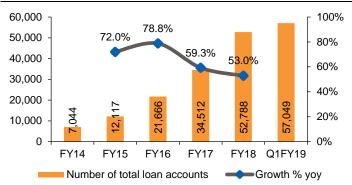
Source: Company, Emkay Research

Robust growth in customer count provides further granularity on loan book – Contribution from new to bank customer remains healthy

Aavas unlike other so called affordable housing finance companies has been least reliant on expansion of average ticket size to accelerate overall loan book growth. Rather the company has witnessed robust growth ~65.5% CAGR from FY14-18 in customer count over years with total customer base increasing to ~57,000 customers in Q1FY19.

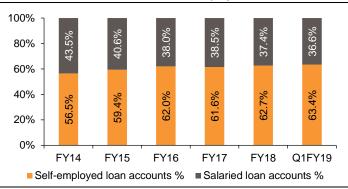
Of the overall customers, ~63.4% are self-employed individuals whereas balance are salaried customer. The proportion has remained similar over past few years. The company has also witnessed steady average of ~40% customers being new to bank/organized credit customers which provides further diversification to book.

Exhibit 5: Trend in No. of loan accounts along with growth



Source: Company, Emkay Research

Exhibit 6: Customer bifurcation - Self-employed - salaried



Source: Company, Emkay Research

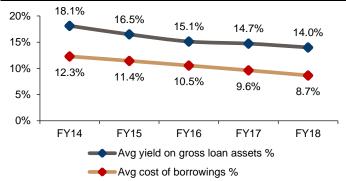
Self-created distribution model provides necessary edge over competition

Interestingly AAVAS does not have chain of Direct Selling Agents (DSAs) to source their products to clients. The company manages its own sales force in order to maintain self-sustainability of loan growth as well as to reduce delinquencies by understanding the customer profile in greater details. The company also has unique tie up with various cement distributors, steel suppliers, contractors etc who provides lead to the company for new customer who is already in process of constructing new house.

Adequate ALM match along with zero exposure towards capital market borrowings to support spreads in coming quarters

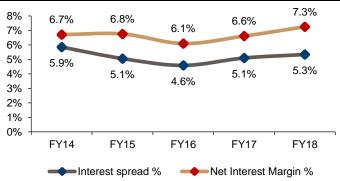
The company management has stringent ALM maturity norms whereby average liability maturity is 136 months (11 years) whereas assets are being matured at an average duration of 8 years which provides consistency to spreads of the company. Also being exposed to bottom end of the customer profile, the company is able to command price which further safeguards margins. The company has loans at fixed rates of Rs15bn against fixed rate liabilities of Rs10bn which again safeguards margins.

Exhibit 7: Yields and Cost of Fund



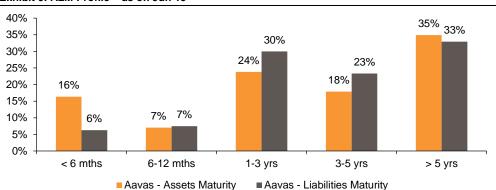
Source: Company, Emkay Research

Exhibit 8: NIMs and Spreads



Source: Company, Emkay Research

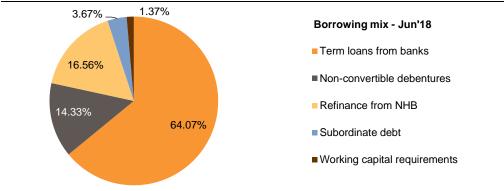
Exhibit 9: ALM Profile - as on Jun'18



Source: Company, Emkay Research

AAVAS management has restrained itself from taking an exposure in capital market linked borrowings and has most reliance on bank borrowings which further eases volatility in cost of funds and allows the company to report steady margin trends. Also the company has witnessed gradual improvement in credit rating profile over years which would further keep overall cost of funds under check.

Exhibit 10: Borrowing mix - Jun'18

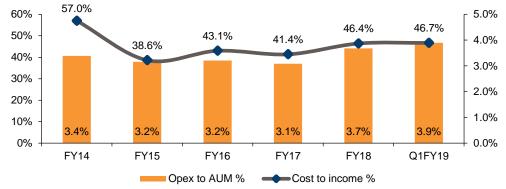


Source: Company, Emkay Research

Being operated by direct employees, Cost to Income ratio remains elevated

The company being operating through direct employees for sourcing of business as well as underwriting and recoveries, overall operating cost for the company remains elevated. However with rise in business volumes and operational efficiencies, we expect C/I ratio to trend downwards.

Exhibit 11: Cost to Income and Cost to Assets



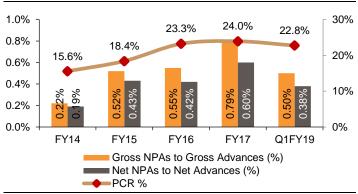
Source: Company, Emkay Research

Asset quality profile stable – Checks and Balances in place

Being engaged in mortgage finance business, the company has witnessed relatively stable asset quality trends in past. However considering the exposure to affordable housing segment and higher share of new to bank customers, the lending profile remains relatively vulnerable.

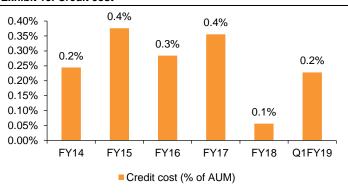
The management has team of 300 employees to undertake overall underwriting process for each individual case. They have also formed 300 employees team for collections and recoveries who have an adequate experience in the field. The company tracks delinquencies on ~1 day default and appropriate actions are initiated at very advance stages of default. Also on technology front, the company undertakes detailed data analytics and customer profile verification through CIBIL and other agencies and accordingly weak cases are being rejected as and when applied. The company also has successful track record of implementing SARFAESI for recoveries.

Exhibit 12: GNPA- NNPA - Coverage



Source: Company, Emkay Research

Exhibit 13: Credit cost



Source: Company, Emkay Research

Sufficient capital to fuel growth engine - Improvement in credit ratings to drive RoE outperformance

AAVAS manages to have excessive capital adequacy with CAR at ~61.6% as on March 2018 and with fresh issues of Rs4bn, the same is expected to inch up further. The promoter of the company has been infusing capital on regular intervals in order to maintain low leverage. The move was intended to improve overall rating profile of the company. Similar experience has also been shared by REPCO home finance during their initial years of operation. Also being engaged in individual housing, overall risk weight for the company always remains low (~33%) which further increases adequacy.

Exhibit 14: Trend in Ratings upgrade

Rating Agency	Term	Initial Credit ratings	Current Credit ratings
CARE Ratings	Long Term	A+/Stable as of March 2017	A+/Positive
ICRA	Long Term	A/Stable as of March 2016	A+/Positive
CRISIL Ratings	Long Term	BBB+/Stable as of August 2012	A+/Stable

Source: Company, Emkay Research

The management is expecting a further rating upgrade (from A+ to AA) post completion of equity listing which would allow the company to accelerate its overall leverage from ~3.8x in FY18 to an industry average of 8-10x. This may lead to an overall RoE improvement to ~20% in next 2-3 years. Considering past track record of the company, ~20% RoE is an achievable target.

Exhibit 15: High capital adequacy due to weak leverage results in low RoEs

Company	CAR (%)			Leverage (x)			ROE (%)		
	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18
Aavas Financiers	27.5	46.9	61.6	8.4	5.4	3.8	21.5	14.8	11.2
Gruh Finance	17.8	18.3	18.9	13.7	12.2	11.6	31.0	30.0	29.0
CanFin Homes	20.7	18.5	19.1	12.3	12.5	11.7	17.9	21.9	22.4
Repco Home Finance	20.7	20.8	23.0	8.1	8.0	7.5	17.7	18.2	17.6
PNB Housing	12.7	21.6	16.7	10.8	8.7	7.6	17.1	14.9	14.0

Source: Company, Emkay Research

Valuation and Recommendation

Robust business profile with high probability of RoE expansion; recommend SUBSCRIBE to IPO:

AAVAS has announced an IPO price band of Rs818-821. At an upper price band of Rs821, the stock is available at ~3.5x P/FY18 Book (post money) & ~56x P/FY18 earnings with ~10.2% FY18 ROEs (pre-dilution).

The company is on a stronger footing on growth and product profile with most of its asset portfolio categorized under Priority Sector Lending and is attracting lower risk weight. The company also has favorable ALM profile with low risk on margin profile. Also asset quality profile of the company is stable with steady trend in credit cost.

As the company accelerates its overall leverage, the likely probability of achieving superior RoEs of ~20% remains fairly high. Also with sufficient capital already in place, further risk of dilution is also quite limited.

We recommend SUBSCRIBE to the IPO.

Exhibit 16: Valuation peer comparison

Company		ROE (%)					
Company	FY16	FY17	FY18	FY18			
Aavas Financiers	21.5	14.8	11.2	3.5			
Gruh Finance	31.0	30.0	29.0	17.5			
CanFin Homes	17.9	21.9	22.4	3.1			
Repco Home Finance	17.7	18.2	17.6	2.4			
PNB Housing	17.1	14.9	14.0	3.3			

Source: Company, Emkay Research

Key risks

Our thesis on AAWAS is based on continuation of robust growth mechanism with superior asset quality profile. In case company fails to accelerate its leverage and thus bring in higher RoEs else overall earnings prolife deteriorates due to rise in credit cost else decline in margins are key risk to our investment arguments.

Peer Comparison

Exhibit 17: Key Parameters

	AUM (Rs bn)		AUM	GNPA %		Avg yield on advances %			Avg cost of borrowing %				
Peer Comparison	FY16	FY17	FY18	3 yr CAGR %	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18
Aavas Financiers	17	27	41	69%	0.6%	0.8%	0.3%	15.0%	14.9%	14.4%	8.7%	8.7%	8.5%
Gruh Finance	111	132	156	20%	0.3%	0.3%	0.5%	12.0%	11.6%	11.1%	8.7%	8.2%	7.5%
Repco Home Finance	77	89	88	14%	1.3%	2.6%	3.4%	12.4%	12.1%	11.9%	9.4%	9.1%	8.3%
Aadhar Hsg Finance	33	46	79	51%	NA	1.3%	1.2%	12.6%	12.4%	11.7%	9.7%	9.4%	8.2%
Mahindra Rural Home Fin	33	48	63	44%	7.3%	9.7%	9.7%	16.8%	15.9%	NA	8.9%	8.3%	8.5%

Source: Company, Emkay Research

Exhibit 18: Key Parameters (...contd)

Peer Comparison	NIM %		Opex to assets %		Credit cost %		ROA %		ROE %						
	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18	FY16	FY17	FY18
Aavas Financiers	7.1%	6.9%	6.9%	3.3%	3.1%	3.2%	0.3%	0.3%	0.0%	2.3%	2.3%	2.4%	21.1%	15.0%	11.2%
Gruh Finance	4.5%	4.5%	4.8%	0.8%	0.8%	0.7%	0.2%	0.2%	0.2%	2.4%	2.4%	2.5%	31.5%	30.4%	29.1%
Repco Home Finance	4.8%	4.8%	3.6%	1.0%	0.8%	0.9%	0.6%	0.6%	0.8%	2.2%	2.2%	2.1%	17.0%	17.4%	16.6%
Aadhar Hsg Finance	5.0%	5.2%	5.0%	2.4%	2.7%	2.3%	0.3%	0.3%	0.3%	1.5%	1.5%	1.5%	17.2%	19.4%	18.5%
Mahindra Rural Home Fin	10.4%	9.9%	10.9%	5.4%	5.0%	5.4%	1.4%	1.7%	1.6%	2.3%	2.0%	2.6%	27.9%	22.1%	24.0%

Source: Company, Emkay Research

Company Background

Aavas Financiers Ltd. (Aavas), is a retail, affordable housing finance company, primarily serving low and middle income self-employed customers in semi-urban and rural areas in India. A majority of their customers have limited access to formal banking credit. Aavas is registered with the NHB as an HFC and commenced operations in Jaipur, Rajasthan in March 2012.

Aavas offers customers home loans for the purchase or construction of residential properties, and for the extension and repair of existing housing units. The majority of the home loans are disbursed for single-unit properties, almost all of which are to be occupied by the borrowers themselves. In addition to home loans, Aavas also offers its customers other mortgage loans including loans against property, which accounts for ~24% of Gross Loan Assets. About 61% of Gross Loan Assets are from customers who belonged to the economically weaker section and low income group, earning less than Rs50,000 per month and ~36% of Gross Loan Assets are from customers who were new to credit. About 64% of Gross Loan Assets are from self-employed customers. The average sanctioned amount of home loans and other mortgage loans is Rs0.87mn and Rs0.8mn, respectively. The average loan-to-value is ~50% at the time of the sanctioning of the loan.

Aavas has adopted a strategy of contiguous on-ground expansion across regions and conducts its operations through 166 branches covering 95 districts in eight states with a significant presence in the states of Rajasthan, Gujarat, Maharashtra and Madhya Pradesh. Almost all customers are sourced directly. Aavas employs 1,996 personnel and has 57,049 loan accounts including securitized and assigned cases. Aavas is a highly technology driven company and leverages information technology and data analytics for onboarding customers, underwriting analysis, loan monitoring, risk management and collection functions.

About the promoters

Aavas Financiers Ltd. was initially promoted by Au Financiers (India) Limited, (now known as AU Small Finance Bank Limited), which sold 90.10% of the outstanding equity interest of the company in connection with its conversion to a small finance bank, to Lake District Holdings Limited (a subsidiary of Kedaara Capital I Limited), Kedaara Capital Alternative Investment Fund - Kedaara Capital AIF 1, Partners Group ESCL Limited and Partners Group Private Equity Master Fund LLC in June, 2016. The name of our Company was changed from 'AU Housing Finance Limited' to 'Aavas Financiers Limited' in March 2017. The company is led by a professional management team and the Key Managerial Personnel and Directors hold 8.4% stake in the company's equity, as of the date of filing the Red Herring Prospectus.

Exhibit 19: Management background

Management Team

Sushil Kumar Agarwal Whole-time Director and CEO

He has been associated with Aavas since its incorporation in 2011. Sushil Kumar Agarwal is a qualified chartered accountant and had secured the tenth rank in his final examination. Further, he is a qualified company secretary. He was previously associated with AuSFB as its Business Head – SME & Mortgages. Mr. Agarwal has previously worked with ICICI Bank Ltd as its chief manager and with Kotak Mahindra Primus Limited as an assistant manager. He has more than 17 years of experience in the field of retail financial services.

Ghanshyam Rawat Chief Financial Officer

He joined Aavas with effect from February 14, 2013 and was appointed as the Chief Financial Officer with effect from June 1, 2014. He presently heads finance and treasury; accounts; internal audit; compliance; budget and analytics departments. He holds a bachelor's degree in commerce from the Rajasthan University and is a fellow member of the Institute of Chartered Accountants of India. He has been previously associated with First Blue Home Finance Ltd, Accenture India Private Ltd and Deutsche Postbank Home Finance Ltd. Further, Mr. Rawat has also worked with Pan Asia Industries Limited and Indo Rama Synthetics (I) Ltd.

Sharad Pathak Company Secretary and Compliance Officer He joined Aavas with effect from May 28, 2012 and was appointed as whole time company secretary with effect from September 3, 2012. He is responsible for the secretarial functions in our Company. Sharad Pathak holds a bachelor's degree in commerce from the Rajasthan University and is a qualified company secretary. He has been previously associated with Star Agriwarehousing & Collateral Management Limited as its company secretary.

Source: Company, Emkay Research

Issue Details

Objects of the issue

The objects of the issue are to achieve the benefits of listing on stock exchanges and to carry out the sale of equity shares offered for sale by the promoters. In addition, the company proposes to utilize the net proceeds from the fresh issue towards augmenting its capital base to meet future capital requirements.

Exhibit 20: Issue Details

Issue Details	
Price Band (Rs)	818 - 821
Issue Opens	September 25, 2018
Issue Closes	September 27, 2018
Issue Size (in mn Shares)	21.12 – 21.14
Issue Size (in Rs bn)	17.28 - 17.34
Shares o/s pre-issue (mn)	73.7
Shares o/s post-issue (mn)	78.60 – 78.61
Post issue market cap (in Rs bn)	64.3 – 64.5

Source: Company, Emkay Research

Exhibit 21: Issue details

The Offer	At Rs821 pe	er share	At Rs818 per share		
The Offer	Size (mn shares)	Size (Rs m)	Size (mn shares)	Size (Rs m)	
Fresh issue	4.87	4,000.0	4.89	4,000.0	
Offer for sale	16.25	13,340.7	16.25	13,292.0	
Promoters	14.98		14.98		
Others	1.27		1.27		
Total	21.12	17,340.7	21.14	17,292.0	

Source: Company, Emkay Research

Exhibit 22: Sellers shareholding pre and post issue

Name of the Selling Shareholder	No. of Equity Shares held (Pre-Offer) (mn)	% holding of the pre-Offer capital	Equity Snares	No. of Equity Shares held (Post-Offer) (mn)	% holding of the post-Offer capital – at Rs821/share	post-Offer
Lake District (Promoter)	35.3	47.8%	8.8	26.4	33.6%	33.6%
ESCL (Promoter)	17.1	23.2%	4.3	12.8	16.3%	16.3%
Master Fund (Promoter Group)	7.5	10.2%	1.9	5.6	7.2%	7.2%
Kedaara AIF-1	0.9	1.3%	0.2	0.7	0.9%	0.9%
Sushil Kumar Agarwal	4.1	5.6%	0.9	3.2	4.1%	4.1%
Vivek Vig	0.7	1.0%	0.1	0.6	0.8%	0.8%

Source: Company, Emkay Research

Exhibit 23: Top 10 shareholders

Name of shareholder	No. of Equity Shares (in mn)	% of pre-Offer equity share capital
Lake District (Promoter)	35.26	47.8%
ESCL (Promoter)	17.13	23.2%
Master Fund (Promoter Group)	7.52	10.2%
AuSFB	5.01	6.8%
Sushil Kumar Agarwal	4.10	5.6%
Ghanshyam Rawat	1.18	1.6%
Kedaara AIF-1	0.95	1.3%
Vivek Vig	0.73	1.0%
Sunku Ram Naresh	0.71	1.0%
Ashutosh Atre	0.20	0.3%

Source: Company, Emkay Research

Key Financials (Standalone)

Income Statement

Y/E Mar (Rs mn)	FY14	FY15	FY16	FY17	FY18
Net interest income	203	429	756	1,275	2,044
Other income	39	81	184	352	638
Fee income	38	80	184	348	629
Net income	241	510	940	1,627	2,682
Operating expenses	138	197	405	673	1,245
Pre provision profit	104	313	535	953	1,437
PPP excl treasury	104	313	535	953	1,437
Provisions	10	23	36	78	19
Profit before tax	94	290	500	876	1,418
Tax	31	99	172	304	488
Tax rate	32.5	34.1	34.4	34.7	34.4
Profit after tax	63	191	328	571	929

Balance Sheet

Y/E Year End (Rs mn)	FY14	FY15	FY16	FY17	FY18
Equity	299	329	384	582	692
Reserves	255	685	1,654	5,082	10,293
Net worth	554	1,014	2,038	5,663	10,985
Deposits	0	1	2	3	4
Borrowings	3,544	7,042	14,468	17,934	25,958
Total liabilities	4,098	8,057	16,506	23,597	36,943
Cash and bank	23	111	2,349	2,758	5,650
Investments	0	0	0	8	141
Loans	4,062	8,283	14,545	21,328	31,724
Others	13	-337	-388	-496	-571
Total assets	4,098	8,057	16,506	23,597	36,943

Key Ratios (%)

Y/E Year End	FY14	FY15	FY16	FY17	FY18
NIM	6.7	6.8	6.1	6.6	7.3
RoA	1.5	3.0	2.6	2.7	3.0
RoAE	11.4	24.3	21.5	14.8	11.2
GNPA (%)	0.22	0.52	0.55	0.79	0.34
NNPA (%)	0.19	0.43	0.42	0.60	0.26

Per Share Data (Rs)	FY14	FY15	FY16	FY17	FY18
EPS	2.0	5.5	8.2	11.1	15.9
BVPS	17.8	29.4	51.2	110.1	187.5
ABVPS	17.6	28.4	49.7	107.6	186.1
DPS	0.0	0.0	0.0	0.0	0.0

Valuations (x) – at issue price Rs821/share	FY14	FY15	FY16	FY17	FY18
PER	402.5	148.2	99.6	74.0	51.7
P/BV	46.0	27.9	16.0	7.5	4.4
P/ABV	46.7	28.9	16.5	7.6	4.4
Dividend Yield (%)	0.0	0.0	0.0	0.0	0.0

Note: FY18 valuation is pre-money

Growth (%)	FY14	FY15	FY16	FY17	FY18
NII	NA	111.4	76.2	68.7	60.3
PPOP	NA	201.6	71.0	78.1	50.7
PAT	NA	208.5	72.5	75.3	61.9
Loans	NA	107.5	99.3	60.3	51.2
Source: Company, Emkay Research					

Emkay Rating Distribution

BUY

Expected total return (%) (Stock price appreciation and dividend yield) of over 25% within the next 12-18 months.

Expected total return (%) (Stock price appreciation and dividend yield) of over 10% within the next 12-18 months.

Expected total return (%) (Stock price appreciation and dividend yield) of upto 10% within the next 12-18 months.

Expected total return (%) (Stock price appreciation) of upto (-) 10% within the next 12-18 months.

SELL The stock is believed to underperform the broad market indices or its related universe within the next 12-18 months.

Completed Date: 19 Sep 2018 00:06:30 (SGT) Dissemination Date: 19 Sep 2018 00:07:30 (SGT)

Sources for all charts and tables are Emkay Research unless otherwise specified.

GENERAL DISCLOSURE/DISCLAIMER BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Emkay Global Financial Services Limited (CIN-L67120MH1995PLC084899) and its affiliates are a full-service, brokerage, investment banking, investment management and financing group. Emkay Global Financial Services Limited (EGFSL) along with its affiliates are participants in virtually all securities trading markets in India. EGFSL was established in 1995 and is one of India's leading brokerage and distribution house. EGFSL is a corporate trading member of Bombay Stock Exchange Limited (BSE), National Stock Exchange of India Limited (NSE), MCX Stock Exchange Limited (MCX-SX). EGFSL along with its subsidiaries offers the most comprehensive avenues for investments and is engaged in the businesses including stock broking (Institutional and retail), merchant banking, commodity broking, depository participant, portfolio management, insurance broking and services rendered in connection with distribution of primary market issues and financial products like mutual funds, fixed deposits. Details of associates are available on our website i.e. www.emkayqlobal.com

EGFSL is registered as Research Analyst with SEBI bearing registration Number INH000000354 as per SEBI (Research Analysts) Regulations, 2014. EGFSL hereby declares that it has not defaulted with any stock exchange nor its activities were suspended by any stock exchange with whom it is registered in last five years, except that NSE had disabled EGFSL from trading on October 05, October 08 and October 09, 2012 for a manifest error resulting into a bonafide erroneous trade on October 05, 2012. However, SEBI and Stock Exchanges have conducted the routine inspection and based on their observations have issued advice letters or levied minor penalty on EGFSL for certain operational deviations in ordinary/routine course of business. EGFSL has not been debarred from doing business by any Stock Exchange / SEBI or any other authorities; nor has its certificate of registration been cancelled by SEBI at any point of time.

EGFSL offers research services to clients as well as prospects. The analyst for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

Other disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report

EGFSL and/or its affiliates may seek investment banking or other business from the company or companies that are the subject of this material. Our salespeople, 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 may be inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest including but not limited to those stated herein. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein. 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 EGFSL 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 used by private customers in United Kingdom. All material presented in this report, unless specifically indicated otherwise, is under copyright to Emkay. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of EGFSL. All trademarks, service marks and logos used in this report are trademarks or registered trademarks of EGFSL or its Group Companies. 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. In so far as this report includes current or historic information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.

- This publication has not been reviewed or authorized by any regulatory authority. There is no planned schedule or frequency for updating research publication relating to any issuer.
- · Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets

Disclaimer for U.S. persons only: This research report is a product of Emkay Global Financial Services Limited (Emkay), which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of Financial Institutions Regulatory Authority (FINRA) or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account. This report is intended for distribution to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on the sender. Further, this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor. In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pie Ltd, its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

ED: HEMANT MARADIA SA: DHANANJAY SINHA September 18, 2018 | 10

GENERAL DISCLOSURE/DISCLAIMER BY DBS BANK LTD AS DISTRIBUTOR OF THE RESEARCH REPORT

This report is solely intended for the clients of DBS Bank Ltd,its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBS Bank Ltd.

The research set out in this report is based on information obtained from sources believed to be reliable, but we (which collectively refers to DBS Bank Ltd, its respective connected and associated corporations, affiliates and their respective directors, officers, employees and agents (collectively, the "DBS Group") have not conducted due diligence on any of the companies, verified any information or sources or taken into account any other factors which we may consider to be relevant or appropriate in preparing the research. Accordingly, we do not make any representation or warranty as to the accuracy, completeness or correctness of the research set out in this report. Opinions expressed are subject to change without notice. This research is prepared for general circulation. Any recommendation contained in this document does not have regard to the specific investment objectives, financial situation and the particular needs of any specific addressee. This document is for the information of addressees only and is not to be taken in substitution for the exercise of judgement by addressees, who should obtain separate independent legal or financial advice. The DBS Group accepts no liability whatsoever for any direct, indirect and/or consequential loss (including any claims for loss of profit) arising from any use of and/or reliance upon this document and/or further communication given in relation to this document. This document is not to be construed as an offer or a solicitation of an offer to buy or sell any securities. The DBS Group, along with its affiliates and/or persons associated with any of them may from time to time have interests in the securities mentioned in this document. The DBS Group, may have positions in, and may effect transactions in securities mentioned herein and may also perform or seek to perform broking, investment banking and other banking services for these companies. Any valuations, opinions, estimates, forecasts, ratings or risk assessments herein constitutes a judgment as of the date of this report, and there can be no assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments. The information in this document is subject to change without notice, its accuracy is not guaranteed, it may be incomplete or condensed, it may not contain all material information concerning the company (or companies) referred to in this report and the DBS Group is under no obligation to update the information in this report. This publication has not been reviewed or authorized by any regulatory authority in Singapore, Hong Kong or elsewhere. There is no planned schedule or frequency for updating research publication relating to any issuer.

The valuations, opinions, estimates, forecasts, ratings or risk assessments described in this report were based upon a number of estimates and assumptions and are inherently subject to significant uncertainties and contingencies. It can be expected that one or more of the estimates on which the valuations, opinions, estimates, forecasts, ratings or risk assessments were based will not materialize or will vary significantly from actual results. Therefore, the inclusion of the valuations, opinions, estimates, forecasts, ratings or risk assessments described herein IS NOT TO BE RELIED UPON as a representation and/or warranty by the DBS Group (and/or any persons associated with the aforesaid entities), that: (a) such valuations, opinions, estimates, forecasts, ratings or risk assessments or their underlying assumptions will be achieved, and (b) there is any assurance that future results or events will be consistent with any such valuations, opinions, estimates, forecasts, ratings or risk assessments stated therein. Please contact the primary analyst for valuation methodologies and assumptions associated with the covered companies or price targets. Any assumptions made in this report that refers to commodities, are for the purposes of making forecasts for the company (or companies) mentioned herein. They are not to be construed as recommendations to trade in the physical commodity or in the futures contract relating to the commodity referred to in this report.

DBSVUSA, a US-registered broker-dealer, does not have its own investment banking or research department, has not participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months and does not engage in market-making.

ANALYST CERTIFICATION BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL)

The research analyst(s) primarily responsible for the content of this research report, in part or in whole, certifies that the views about the companies and their securities expressed in this report accurately reflect his/her personal views. The analyst(s) also certifies that no part of his/her compensation was, is, or will be, directly or indirectly, related to specific recommendations or views expressed in the report. The research analyst (s) primarily responsible of the content of this research report, in part or in whole, certifies that he or his associate does not serve as an officer, director or employee of the issuer or the new listing applicant (which includes in the case of a real estate investment trust, an officer of the management company of the real estate investment trust; and in the case of any other entity, an officer or its equivalent counterparty of the entity who is responsible for the management of the issuer or the new listing applicant). The research analyst(s) primarily responsible for the content of this research report or his associate does not have financial interests in relation to an issuer or a new listing applicant that the analyst reviews. EGFSL has procedures in place to eliminate, avoid and manage any potential conflicts of interests that may arise in connection with the production of research reports. The research analyst(s) responsible for this report operates as part of a separate and independent team to the investment banking function of the EGFSL and procedures are in place to ensure that confidential information held by either the research or investment banking function is handled appropriately. There is no direct link of EGFSL compensation to any specific investment banking function of the EGFSL.

Emkay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Ple Ltd,its respective connected and associated corporations and affiliates are the distributors of the research reports, please refer to the last page of the report on Restrictions on Distribution. In Singapore, this research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

ED: HEMANT MARADIA SA: DHANANJAY SINHA September 18, 2018 | 11

¹ An associate is defined as (i) the spouse, or any minor child (natural or adopted) or minor step-child, of the analyst; (ii) the trustee of a trust of which the analyst, his spouse, minor child (natural or adopted) or minor step-child, is a beneficiary or discretionary object; or (iii) another person accustomed or obliged to act in accordance with the directions or instructions of the analyst.

² Financial interest is defined as interest that are commonly known financial interest, such as investment in the securities in respect of an issuer or a new listing applicant, or financial accommodation arrangement between the issuer or the new listing applicant and the firm or analysis. This term does not include commercial lending conducted at the arm's length, or investments in any collective investment scheme other than an issuer or new listing applicant notwithstanding the fact that the scheme has investments in securities in respect of an issuer or a new listing applicant.

COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY EMKAY GLOBAL FINANCIAL SERVICES LIMITED (EGFSL):

Disclosures by Emkay Global Financial Services Limited (Research Entity) and its Research Analyst under SEBI (Research Analyst) Regulations, 2014 with reference to the subject company(s) covered in this report-:

- 1. EGFSL, its subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of September 18, 2018
- EGFSL, and/or Research Analyst does not market make in equity securities of the issuer(s) or company(ies) mentioned in this Research Report Disclosure of previous investment recommendation produced:
- 3. EGFSL may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by EGFSL in the preceding 12 months.
- 4. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have any material conflict of interest in the securities recommended in this report as of September 18, 2018.
- 5. EGFSL, its subsidiaries and/or other affiliates and Research Analyst or his/her relative's does not have actual/beneficial ownership of 1% or more securities of the subject company at the end of the month immediately preceding the September 18, 2018
- 6. EGFSL, its subsidiaries and/or other affiliates and Research Analyst have not received any compensation in whatever form including compensation for investment banking or merchant banking or brokerage services or for products or services other than investment banking or merchant banking or brokerage services from securities recommended in this report (subject company) in the past 12 months.
- 7. EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst have not received any compensation or other benefits from securities recommended in this report (subject company) or third party in connection with the research report.
- 8. Securities recommended in this report (Subject Company) has not been client of EGFSL, its subsidiaries and/or other affiliates and/or and Research Analyst during twelve months preceding the September 18, 2018

Emikay Research is also available on www.emkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Ple Ltd, its respective connected and associated corporations and affiliates are the distributors of the research report or research report or research analyses may only be distributed to Institutional Investors, Expert Investors or Accredited Investors as defined in the Securities and Futures Act, Chapter 289 of Singapore

ED: HEMANT MARADIA SA: DHANANJAY SINHA September 18, 2018 12

COMPANY-SPECIFIC / REGULATORY DISCLOSURES BY DBS BANK LTD AS DISTRIBUTOR OF THE RESEARCH REPORT

- 1. DBS Bank Ltd., DBS HK, DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS") or their subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of 30 Apr 2018.
- 2. Neither DBS Bank Ltd nor DBS HK market makes in equity securities of the issuer(s) or company(ies) mentioned in this Research Report.

Compensation for investment banking services:

3. DBSVUSA, does not have its own investment banking or research department, nor has it participated in any public offering of securities as a manager or co-manager or in any other investment banking transaction in the past twelve months. Any US persons wishing to obtain further information, including any clarification on disclosures in this disclaimer, or to effect a transaction in any security discussed in this document should contact DBSVUSA exclusively.

Disclosure of previous investment recommendation produced:

4. DBS Bank Ltd. DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS"), their subsidiaries and/or other affiliates may have published other investment recommendations in respect of the same securities / instruments recommended in this research report during the preceding 12 months. Please contact the primary analyst listed in the first page of this report to view previous investment recommendations published by DBS Bank Ltd. DBS Vickers Securities (Singapore) Pte Ltd ("DBSVS"), their subsidiaries and/or other affiliates in the preceding 12 months.

RESTRICTIONS ON DISTRIBUTION

INESTINICTIONS (ON DISTRIBUTION
General	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.
Australia	This report is not for distribution into Australia.
Hong Kong	This report is not for distribution into Hong Kong.
Indonesia	This report is being distributed in Indonesia by PT DBS Vickers Sekuritas Indonesia.
Malaysia	This report is not for distribution into Malaysia.
Singapore	This report is distributed in Singapore by DBS Bank Ltd (Company Regn. No. 16800306E) or DBSVS (Company Regn. No. 1860024G) both of which are Exempt Financial Advisers as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. DBS Bank Ltd and/or DBSVS, may distribute reports produced by its respective foreign entities, affiliates or other foreign research houses pursuant to an agreement under Regulation 32C of the financial Advisers Regulations. Singapore recipients should contact DBS Bank Ltd at 6327 2288 for matters arising from, or in connection with the report.
Thailand	This report is being distributed in Thailand by DBS Vickers Securities (Thailand) Co Ltd.
United Kingdom	This report is disseminated in the United Kingdom by DBS Vickers Securities (UK) Ltd, ("DBSVUK"). DBSVUK is authorised and regulated by the Financial Conduct Authority in the United Kingdom. In respect of the United Kingdom, this report is solely intended for the clients of DBSVUK, its respective connected and associated corporations and affiliates only and no part of this document may be (i) copied, photocopied or duplicated in any form or by any means or (ii) redistributed without the prior written consent of DBSVUK. This communication is directed at persons having professional experience in matters relating to investments. Any investment activity following from this communication will only be engaged in with such persons. Persons who do not have professional experience in matters relating
Dubai International Financial Centre	to investments should not rely on this communication. This research report is being distributed by DBS Bank Ltd., (DIFC Branch) having its office at PO Box 506538, 3rd Floor, Building 3, East Wing, Gate Precinct, Dubai International Financial Centre (DIFC), Dubai, United Arab Emirates. DBS Bank Ltd., (DIFC Branch) is regulated by The Dubai Financial Services Authority. This research report is intended only for professional clients (as defined in the DFSA rulebook) and no other person may act upon it.
United Arab Emirates	This report is provided by DBS Bank Ltd (Company Regn. No. 196800306E) which is an Exempt Financial Adviser as defined in the Financial Advisers Act and regulated by the Monetary Authority of Singapore. This report is for information purposes only and should not be relied upon or acted on by the recipient or considered as a solicitation or inducement to buy or sell any financial product. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situation, or needs of individual clients. You should contact your relationship manager or investment adviser if you need advice on the merits of buying, selling or holding a particular investment. You should note that the information in this report may be out of date and it is not represented or warranted to be accurate, timely or complete. This report or any portion thereof may not be reprinted, sold or redistributed without our written consent.
United States	DBSVUSA did not participate in its preparation. The research analyst(s) named on this report are not registered as research analysts with FINRA and are not associated persons of DBSVUSA. The research analyst(s) are not subject to FINRA Rule 2241 restrictions on analyst compensation, communications with a subject company, public appearances and trading securities held by a research analyst. This report is being distributed in the United States by DBSVUSA, which accepts responsibility for its contents. This report may only be distributed to Major U.S. Institutional Investors (as defined in SEC Rule 15a-6) and to such other institutional investors and qualified persons as DBSVUSA may authorize. Any U.S. person receiving this report who wishes to effect transactions in any securities referred to herein should contact DBSVUSA directly and not its affiliate.
Other jurisdictions	In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is intended only for qualified, professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

Emkay Global Financial Services Ltd.

CIN - L67120MH1995PLC084899

7th Floor, The Ruby, Senapati Bapat Marg, Dadar - West, Mumbai - 400028. India Tel: +91 22 66121212 Fax: +91 22 66121299 Web: www.emkayglobal.com

SINGAPORE

DBS Bank Ltd

Contact: Janice Chua

12 Marina Boulevard, Marina Bay Financial Centre Tower 3

Singapore 018982 Tel. 65-6878 8888 Fax: 65 65353 418

e-mail: equityresearch@dbs.com Company Regn. No. 196800306E

THAILAND

DBS Vickers Securities (Thailand) Co Ltd

Contact: Chanpen Sirithanarattanakul 989 Siam Piwat Tower Building, 9th, 14th-15th Floor

Rama 1 Road, Pathumwan, Nagkok Thailand 10330 Tel. 66 2 857 7831

Fax: 66 2 658 1269

e-mail: research@th.dbs.com Company Regn. No 0105539127012

Securities and Exchange Commission, Thailand

INDONESIA

PT DBS Vickers Sekuritas (Indonesia)

Contact: Maynard Priajaya Arif

DBS Bank Tower Ciputra World 1, 32/F Jl. Prof. Dr. Satrio Kav. 3-5 Jakarta 12940, Indonesia Tel. 62 21 3003 4900

Fax: 62 21 3003 4943

e-mail: research@id.dbsvickers.com

grave of

Jignesh Shial, CA jignesh.shial@emkayglobal.com +91-22-66242468