India Equity Research | Engineering & Capital Goods November 27, 2017 Result Update

Skipper

Refer to important disclosures at the end of this report

In-line performance

- Skipper's operational performance was in line with our expectations. Revenues increased by 29% yoy. Adjusted for the restated 2QFY17 financials, EBITDAM declined by 23bps yoy while the APAT increased by 3% yoy.
- While engineering products reported strong growth of 34%yoy, the polymer segment declined by 2% yoy impacted by GST related disruptions. Management commentary indicates dealer re-stocking have commenced from November 2017.
- Order inflows was at ~Rs4.3bn while the backlog stood at Rs26bn. The company has formed a JV with MetzerPlas - Israeli kibbutz-based industry of micro-irrigation products and is expected to introduce drip irrigation solutions in India.
- Management had increased the revenue guidance from 15% to 20% with EBIDTAM of ~13-14%. Upgrade FY18/19/20E EPS by 7.9% / 14.2% and 14.8% respectively on higher revenue assumptions. Maintain BUY with price target of Rs327 (SoTP based)
- Steady performance: Skipper reported revenues at Rs 5.1bn (+29% yoy), broadly in line with our expectations. While the gross margins declined by 406bps to 33%, the adjusted EBIDTAM (excluding the impact of INDAS in 2QFY17) declined by 23bps to 13.2%. PAT increased by 3% yoy to Rs232mn. Revenues in the engineering product segment increased by 34% yoy to Rs4.6bn aided by strong commodity prices. EBITM in the engineering segment declined by 89bps to 13%. Revenues in the polymer segment declined by 2% yoy decline to Rs428mn as GST related disruptions impacted offtake from distributors and dealers. EBITM declined by 235bps to 7%. Order inflows worth Rs4.3bn was accrued from PGCIL, SEB's and private sector players. Order back log stands strong at ~Rs26bn. The company has marked its entry in railway electrification projects L1 in order worth Rs160mn.
- Maintain BUY: Strong order backlog of ~Rs26bn (1.8x FY17 Engineering product sales) coupled with steady order pipeline ensures robust revenue visibility in the engineering product segment over the next couple of years. Management commentary indicate that GST related disruptions are now waning, and majority of dealers have commenced restocking of PVC pipes. The company expects the polymer division to report ~25-30% growth in FY18 and ~ 50-55% growth in the subsequent two years. The JV with Israel based MetzerPlas is expected to help Skipper mark its entry into the Rs50bn market for drip irrigation. Going forward, the company is also planning to increasingly bid for railway electrification projects. We expect the company to post robust revenue and PAT growth (FY17-20 CAGR) of ~ 24% and ~28% respectively. We Maintain BUY with revised price target of Rs327 (SoTP based on FY20E earnings).

Financial Snapshot (Standalone)

(Rs mn)	FY16	FY17	FY18E	FY19E	FY20E
Net Sales	15,062	17,030	20,597	25,889	32,120
EBITDA	2,192	2,460	2,803	3,442	4,278
EBITDA Margin (%)	14.6	14.4	13.6	13.3	13.3
APAT	951	1,115	1,328	1,756	2,322
EPS (Rs)	9.3	10.9	13.0	17.2	22.7
EPS (% chg)	6.7	17.3	19.1	32.2	32.3
ROE (%)	27.7	25.5	24.1	25.6	26.7
P/E (x)	28.3	24.2	20.3	15.4	11.6
EV/EBITDA (x)	14.1	12.5	11.1	9.1	7.3
P/BV (x)	7.1	5.5	4.4	3.5	2.8

Emkay®

Your success is our success

СМР	Target Price
Rs 263 as of (November 24, 2017)	Rs 327 (▲) 12 months
Rating	Upside
BUY (∎)	24.1 %

Change in Estimates

onunge in E	Stimut							
EPS Chg FY	18E/F	Y19E (%)	8.3/14.7				
Target Price	change	e (%)		16.0				
Target Period	d (Mon	ths)		12				
Previous Red		BUY						
Emkay vs Consensus								
	EPS E	stima	tes					
		F	Y18E	FY19E				
Emkay			13.0	17.2				
Consensus			11.9	14.8				
Mean Conse	nsus T	P (12N	/I)	Rs 251				
Stock Detail	s							
Bloomberg C	ode		SK	IPPER IN				
Face Value (Rs)			1				
Shares outst	anding	(mn)		102				
52 Week H/L	-			277 / 126				
M Cap (Rs bn/USD bn) 27 / 0.42								
Daily Avg Vo	lume (nos.)		4,12,792				
Daily Avg Turnover (US\$ mn)1.5								
Shareholdin	a Patt	orn Sa	n '17					
Promoters	угаш		ър 17	70.4%				
Flls				2.4%				
DIIs				11.5%				
Public and O	thors			15.8%				
				10.070				
Price Perfor	mance	•						
(%)	1M	3M	6M	12M				
Absolute	17	32	38	96				
Rel. to Nifty	15	25	24	51				
Relative price	ce cha	rt						
275 Rs				% 60				
240 -			A.	- 46				
205 -		pm/		. 32				
170 -	1 mil	r' M'4V	WV	18				
135	.			- 4				
100 May 16 Jan 17 May 17 Jul 17 San 17 May 17								
Nov-16 Jan-17 Mar-17 May-17 Jul-17 Sep-17 Nov-17 Skipper Ltd (LHS) — Rel to Nifty (RHS)								
Source: Bloom	iberg							
This report is so	This report is solely produced by Emkay Global. The							

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

John Perinchery

john.perinchery@emkayglobal.com +91 22 66121374

Jason Soans

jason.soans@emkayglobal.com +91 22 66121262

Source: Company, Emkay Research

Exhibit 1: Quarterly Financials - Standalone

Rs mn	Q2FY17	Q1FY18	Q2FY18	YoY (%)	QoQ (%)	YTD'18	YTD'17	Gr (%)
Revenue	3,908	3,988	5,156	31.9	29.3	9,144	6,750	35.5
Expenditure	3,173	3,472	4,473	41.0	28.8	7,945	5,622	41.3
Consumption of RM	2,528	2,470	3,458	36.8	40.0	5,928	4,299	37.9
as % of sales	65%	62%	67%		8.3	65%	64%	
Employee Cost	191	210	251	31.7	19.7	461	345	33.7
as % of sales	5%	5%	5%		(7.4)	5%	5%	
Other expenditure	454	792	765	68.4	(3.5)	1,557	978	59.1
as % of sales	12%	20%	15%		(25.3)	17%	14%	
EBITDA	735	516	683	(7.1)	32.3	1,199	1,129	6.2
Depreciation	72	107	121	68.0	12.1	228	139	63.7
EBIT	664	409	562	(15.3)	37.6	971	989	(1.9)
Other Income	7	8	3	(55.9)	(56.6)	11	15	(29.3)
Interest	166	169	200	20.6	18.8	369	345	7.0
PBT	505	248	365	(27.7)	47.6	613	660	(7.1)
Total Tax	172	88	133	(22.7)	51.4	221	221	(0.3)
Adjusted PAT	333	160	232	(30.2)	45.5	392	439	(10.6)
Adjusted EPS	3.3	1.6	2.3	(30.3)	45.5	3.8	4.3	(10.7)

Margins (%)				(bps)	(bps)			(bps)
EBIDTA	18.8	12.9	13.2	(560)	30	13.1	16.7	-360
EBIT	17.0	10.2	10.9	(610)	70	10.6	14.7	-400
EBT	12.9	6.2	7.1	(580)	90	6.7	9.8	-310
PAT	8.5	4.0	4.5	(400)	50	4.3	6.5	-220
Effective Tax rate	34.0	35.5	36.4	240	90	36.0	33.5	250

Source: Company, Emkay Research

Exhibit 2: Segmental Performance-Standalone

Rs mn	Q2FY17	Q1FY18	Q2FY18	YoY (%)	QoQ (%)	YTD'18	YTD'17	Gr (%)
Segment Revenues								
Engineering Products	3,627	3,651	4,634	27.8	26.9	8,285	6,198	33.7
Infrastructure Projects	125	243	95	(24.4)	(61.0)	338	234	44.5
PVC Products	460	433	428	(7.0)	(1.2)	861	880	(2.1)
Total	4,212	4,327	5,156	22.4	19.2	9,483	7,311	29.7
Segment Results								
Engineering Products	660	439	606	(8.1)	37.9	1,046	989	5.7
Infrastructure Projects	19	29	11	(39.9)	(61.8)	41	34	21.5
PVC Products	40	31	28	(28.9)	(8.7)	59	76	(22.2)
Total	718	500	645	(10.1)	29.1	1,145	1,099	4.2
Add- Unall Income / (Exp)	7	8	3	(55.9)	(56.6)	11	15	(26.7)
Less- Interest Exp	166	169	200	20.6	18.8	369	345	7.0
Corporate expenditure	54	91	83	53.1	(8.8)	174	109	60.1
PBT	505	248	365	(27.7)	47.6	613	660	(7.1)
Segment Margins (%)				(bps)	(bps)			(bps)
Engineering Products	18.2	12.0	13.1	(510)	100	12.6	16.0	(330)
Infrastructure Projects	14.9	12.1	11.9	(310)	(20)	12.1	14.3	(230)
PVC Products	8.6	7.1	6.6	(200)	(50)	6.9	8.6	(180)
Average	17.0	11.6	12.5	(450)	100	12.1	15.0	(300)

Source: Company, Emkay Research

Exhibit 3: Revision in Earning Estimates

Y/E, Mar (Rs. mn)	FY18E			FY19E			FY20E		
	Earlier	Revised	% Change	Earlier	Revised	% Change	Earlier	Revised	% Change
Revenues	19,534	20,597	5.4	23,484	25,889	10.2	28,533	32,120	12.6
EBITDA	2,664	2,803	5.2	3,132	3,442	9.9	3,817	4,278	12.1
EBITDA Margin (%)	13.6	13.6	0 bps	13.3	13.3	0 bps	13.4	13.3	-10 bps
APAT	1,231	1,328	7.9	1,538	1,756	14.2	2,023	2,322	14.8
EPS (Rs)	12.0	13.0	7.9	15.0	17.2	14.2	19.8	22.7	14.8

Source: Company, Emkay Research

Exhibit 4: Assumptions-Income Statement

	FY2013	FY2014	FY2015	FY2016	FY2017	FY2018E	FY2019E	FY2020E
Segment Revenues								
Engineering Products	8,350	9,554	11,768	13,260	14,237	17,078	20,613	23,575
Growth %	24%	14%	23%	13%	7%	20%	21%	14%
Infrastructure Projects	172	270	462	277	813	1,057	1,480	2,072
Growth %	-58%	57%	71%	-40%	194%	30%	40%	40%
PVC Products	481	591	897	1,525	1,980	2,462	3,797	6,474
Growth %	61%	23%	52%	70%	30%	24%	54%	70%
Total	9,003	10,415	13,128	15,062	17,030	20,597	25,889	32,120
EBITM								
Engineering Products	7.3%	9.5%	15.4%	14.6%	14.6%	13.5%	13.0%	13.0%
Infrastructure Projects	28.7%	39.7%	23.8%	15.5%	13.7%	13.0%	13.0%	13.0%
PVC Products	10.8%	10.1%	11.5%	10.8%	8.4%	9.0%	11.0%	12.0%
EBIT								
Engineering Products	606	904	1,809	1,937	2,083	2,305	2,680	3,065
Infrastructure Projects	50	107	110	43	111	137	192	269
PVC Products	52	60	103	165	165	222	418	777
Total	707	1,071	2,022	2,145	2,359	2,664	3,290	4,111
Corporate Expenditure	-20	119	90	194	214	225	250	275
Other Income	14	21	17	52	31	15	15	15
Finance cost	464	605	583	570	611	558	547	519
PBT	278	367	1,365	1,433	1,565	1,897	2,508	3,332
Taxes	90	98	474	482	450	569	752	1,000
PAT	187	269	891	951	1,115	1,328	1,756	2,332
EPS	2.5	2.7	8.7	9.3	10.9	13.0	17.2	22.8

Source: Company, Emkay Research

Exhibit 5: Segment PAT (FY2020)

	Engineering	Infrastructure	Polymer	Other Inc	Total
EBIT	3,065	269	777	15	4,126
Less: Interest	402	53	64	-	519
Corporate expenditure	213	28	34	-	275
РВТ	2,450	188	679	15	3,332
Less: Tax	735	56	204	5	1,000
PAT	1,715	132	475	11	2,332

Source: Company, Emkay Research

Exhibit 6: Valuation Summary

	PAT	P/E (x)	Valuation	per share
Engineering	1,715	13.0	22,291	218
Infrastructure	132	13.0	1,712	17
Polymer	475	20.0	9,509	93
Total Value			33,512	
No of Shares			102	
Target Price			327	

Source: Company, Emkay Research

Key Financials (Standalone)

Income Statement

Y/E Mar (Rs mn)	FY16	FY17	FY18E	FY19E	FY20E
Net Sales	15,062	17,030	20,597	25,889	32,120
Expenditure	12,870	14,569	17,794	22,447	27,842
EBITDA	2,192	2,460	2,803	3,442	4,278
Depreciation	241	315	363	403	443
EBIT	1,951	2,145	2,439	3,040	3,836
Other Income	52	31	15	15	15
Interest expenses	570	611	558	547	534
РВТ	1,433	1,565	1,897	2,508	3,317
Тах	482	450	569	752	995
Extraordinary Items	0	0	0	0	0
Minority Int./Income from Assoc.	0	0	0	0	0
Reported Net Income	951	1,115	1,328	1,756	2,322
Adjusted PAT	951	1,115	1,328	1,756	2,322

Balance Sheet

Y/E Mar (Rs mn)	FY16	FY17	FY18E	FY19E	FY20E
Equity share capital	102	102	102	102	102
Reserves & surplus	3,713	4,841	5,977	7,536	9,661
Net worth	3,815	4,943	6,080	7,638	9,763
Minority Interest	0	0	0	0	0
Loan Funds	4,504	4,159	4,500	4,500	4,400
Net deferred tax liability	315	391	391	391	391
Total Liabilities	8,634	9,493	10,971	12,529	14,554
Net block	3,852	4,642	5,179	5,526	5,834
Investment	0	0	0	0	0
Current Assets	7,651	8,524	10,130	12,234	14,986
Cash & bank balance	498	249	295	93	131
Other Current Assets	0	0	0	0	0
Current liabilities & Provision	3,268	3,817	4,339	5,231	6,266
Net current assets	4,383	4,707	5,791	7,003	8,720
Misc. exp	0	0	0	0	0
Total Assets	8,634	9,493	10,971	12,529	14,554

Cash Flow

Y/E Mar (Rs mn)	FY16	FY17	FY18E	FY19E	FY20E
PBT (Ex-Other income) (NI+Dep)	1,381	1,534	1,882	2,493	3,302
Other Non-Cash items	62	20	0	0	0
Chg in working cap	(1,208)	(496)	(1,039)	(1,413)	(1,680)
Operating Cashflow	651	1,752	1,194	1,277	1,604
Capital expenditure	(946)	(850)	(756)	(750)	(750)
Free Cash Flow	(295)	903	438	527	854
Investments	0	0	0	0	0
Other Investing Cash Flow	(25)	21	0	0	0
Investing Cashflow	(919)	(797)	(741)	(735)	(735)
Equity Capital Raised	0	0	0	0	0
Loans Taken / (Repaid)	1,073	(346)	341	0	(100)
Dividend paid (incl tax)	(160)	(172)	(191)	(197)	(197)
Other Financing Cash Flow	(215)	43	0	0	0
Financing Cashflow	128	(1,087)	(407)	(744)	(831)
Net chg in cash	(140)	(132)	46	(202)	38
Opening cash position	561	498	249	295	93
Closing cash position	498	249	295	93	131

Source: Company, Emkay Research

Enkay Research is also available on www.enkayglobal.com, Bloomberg EMKAY<GO>, Reuters and DOWJONES. DBS Bank Ltd, DBS Vickers Securities (Singapore) Pte 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

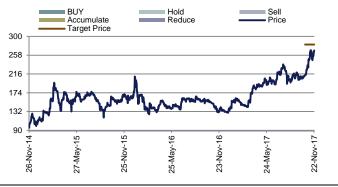
Profitability (%)	FY16	FY17	FY18E	FY19E	FY20E
EBITDA Margin	14.6	14.4	13.6	13.3	13.3
EBIT Margin	13.0	12.6	11.8	11.7	11.9
Effective Tax Rate	33.6	28.8	30.0	30.0	30.0
Net Margin	6.3	6.5	6.4	6.8	7.2
ROCE	26.1	24.0	24.0	26.0	28.4
ROE	27.7	25.5	24.1	25.6	26.7
RoIC	28.1	25.5	24.7	26.3	28.6
Per Share Data (Rs)	FY16	FY17	FY18E	FY19E	FY20E
EPS	9.3	10.9	13.0	17.2	22.7
CEPS	11.6	14.0	16.5	21.1	27.0
BVPS	37.3	48.3	59.4	74.7	95.4
DPS	1.4	1.6	1.6	1.6	1.6
Valuations (x)	FY16	FY17	FY18E	FY19E	FY20E
PER	28.3	24.2	20.3	15.4	11.6
P/CEPS	22.6	18.8	15.9	12.5	9.7
P/BV	7.1	5.5	4.4	3.5	2.8
EV / Sales	2.1	1.8	1.5	1.2	1.0
EV / EBITDA	14.1	12.5	11.1	9.1	7.3
Dividend Yield (%)	0.5	0.6	0.6	0.6	0.6
Gearing Ratio (x)	FY16	FY17	FY18E	FY19E	FY20E
Net Debt/ Equity	1.1	0.8	0.7	0.6	0.4
Net Debt/EBIDTA	1.8	1.6	1.5	1.3	1.0
Working Cap Cycle (days)	94.1	95.5	97.4	97.4	97.6
Growth (%)	FY16	FY17	FY18E	FY19E	FY20E
Revenue	14.7	13.1	20.9	25.7	24.1
EBITDA	1.9	12.2	13.9	22.8	24.3
EBIT	1.0	9.9	13.7	24.6	26.2
PAT	6.7	17.3	19.1	32.2	32.3
Quarterly (Rs mn)	Q2FY17	Q3FY17	Q4FY17	Q1FY18	Q2FY18
. ,	3,908	4,306		3,988	
Revenue EBITDA	3,908 735	4,306	5,837 912	3,966 516	5,156 683
EBITDA Margin (%)	18.8	13.2	912 15.6	12.9	13.2
PAT	333	224	528	160	232
EPS (Rs)	3.3	2.2	5.2	1.6	2.3
Source: Company, Emkay Research	5.5	2.2	5.2	1.0	2.0
Shareholding Pattern (%)	Sep-16	Dec-16	Mar-17	Jun-17	Sep-17
Promoters	72.4	72.4	70.4	70.4	70.4
FIIs	1.5	1.5	1.5	2.0	2.4
DIIs	3.1	6.9	10.8	11.0	11.5
0113	0.1			11.0	11.0
Public and Others	23.0	19.2	17.2	16.5	15.8

Source: Capitaline

RECOMMENDATION HISTORY TABLE

Date	Closing Price	ТР	Period (months)	Rating	Analyst
18-Oct-17	214	282	12m	Buy	John Perinchery
Source: Company, Emkay Research					

RECOMMENDATION HISTORY CHART



Source: Bloomberg, 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.
ACCUMULATE	Expected total return (%) (Stock price appreciation and dividend yield) of over 10% within the next 12-18 months.
HOLD	Expected total return (%) (Stock price appreciation and dividend yield) of upto 10% within the next 12-18 months.
REDUCE	Expected total return (%) (Stock price depreciation) 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:

Dissemination Date:

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.emkayglobal.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 Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon 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 Investors. 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.

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 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 associate¹ 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 interests² 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 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.

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 November 27, 2017
- 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 November 27, 2017.
- 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 November 27, 2017
- 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.
- 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 November 27, 2017

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"), DBSV HK or their subsidiaries and/or other affiliates do not have a proprietary position in the securities recommended in this report as of 31 July 2017.

2. Neither DBS Bank Ltd, DBS HK nor DBSV 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

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 to investments should not rely on this communication.
Dubai International Financial Centre	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 JI. 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

Bur low

John Perinchery, CMA., CA john.perinchery@emkayglobal.com +91 22 66121374