

October 7, 2023

Exhibit 1: PL Universe

Companies	Rating	CMP (Rs)	TP (Rs)
Bajaj Electricals	BUY	1,056	1,421
Crompton Greaves Cons. Elec.	BUY	301	401
Havells India	Acc	1,399	1,538
KEI Industries	BUY	2,726	2,908
Polycab India	Acc	5,259	5,665
R R Kabel	BUY	1,503	1,624
Voltas	HOLD	885	909

Source: PL Acc=Accumulate

Top Picks

RR Kabel

Havells India

Compton Greaves Consumer

Praveen Sahay

praveensahay@plindia.com | 91-22-66322369

Consumer Durables

Jul-Sep'23 Earnings Preview

Dry monsoon help seasonally weak quarter

Quick Pointers:

- Dry monsoon in Aug-23, benefit seasonal product sales.
- Strong volume growth in C&W segment in quarter, KEI/Polycab/RRKABL expected to outperform our coverage over sales.

Seasonally weak quarter for sector, sluggish consumer demand and inflationary pressures continue to impact revenue & profitability. Cable & Wire segment continue its outperformance in quarter over other segments with healthy growth, largely from B2B segment. Being weak season for RAC/Fans, the sector is not expecting major improvement in volume in Q2FY24. However, there has been recent improvement in secondary sales of seasonal products, driven by dry monsoon season, resulting in channel inventory levels returning to normal. We expect our consumer durable universe to register a sales/EBITDA/PAT growth of 11.5%/17.1%/18.7% YoY in 2QFY24, excluding RR Kabel. On sales front RR Kabel, KEI Ind & Polycab to outperform, while Crompton Consumer & Bajaj Electricals to underperform. On profitability C&W companies and Havells are expected to outperform.

We prefer C&W companies, with robust growth & return profile, controlled working capital and continuously expanding opportunity market, continue our top pick as RR Kabel. Our second pick in sector is Havells, which expected to report healthy recovery in Q2FY24 even after weak season for its seasonal products. Our contra pick continues to be <u>Crompton Consumer</u>, the company has taken corrective measures towards growth like 1) restructured the business in five verticals, 2) hired/appointed second level management team, 3) addressed the frontend sales team attrition, and 4) increased focus on A&P and R&D for driving growth. Although the strategy might impact FY24 financials, we expect better growth from FY25 onwards.

- Cable & Wire healthy traction continues: KEI/Polycab/RR Kabel are poised to capitalize on volume growth, primarily in the B2B sector, and traction in the real estate industry. Despite some disruption caused by early quarter rains, stable commodity prices have allowed for consistent volume growth in their business. It is expected that KEI/Polycab/RR Kabel will achieve a volume growth of around 15-20%, outperforming our coverage in terms of sales growth. However, stretched valuation keeps limited upside potential for the stocks.
- FMEG (ECD and lighting) segment seasonally weak quarter: The seasonally weak quarter for seasonal product in ECD segment, while dry monsoon helped secondary sales in Q2FY24, resulting in channel inventory levels returning to normal. Demand within ECD segment (primarily catering to B2C) continues to face challenges due to sluggish consumer demand, inflationary pressures and offseason for fans. The lighting segment continue to face challenges in B2C segment while B2B/B2G continues to see strong traction. Havells with its distribution expansion, increase in product portfolio and channel supports, expected to outperform (est. 6% YoY growth vs coverage universe of 4.6% YoY in FMEG segment).

October 7, 2023



- RAC segment weak demand sentiment: Being weak season for RAC, the sector is not expecting major improvement in volume in Q2FY24. However, due to dry monsoon in some parts of India, improvement in secondary sales has normalized the channel inventory. Voltas/Lloyd expected 12%/23% growth in UCP revenue in Q2FY24.
- Key changes in target price: In our coverage universe, we have roll forward to Sept-25, upward revised our target price for Bajaj Electricals, Crompton, Polycab, RR Kabel and Voltas. We maintain our rating on coverage companies except Bajaj Electricals, upgrade to BUY from Accumulate.

Exhibit 2: Q2FY24 Result Preview

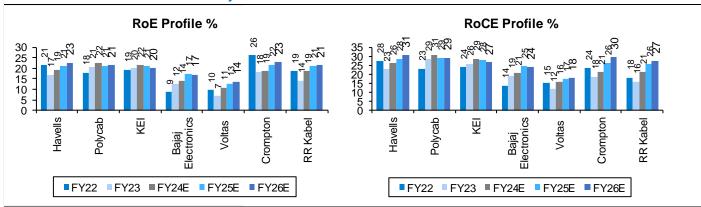
Company Name		Q2FY24E	Q2FY23	YoY gr. (%)	Q1FY24	QoQ gr. (%)	Remark
	Sales	12,157	12,204	(0.4)	11,120	9.3	We expect sales to grow by 9.3% QoQ despite weak
	EBITDA	887	938	(5.4)	693	28.0	demand & Fan segment continue slowdown. Consumer
Bajaj Electricals	Margin (%)	7.3	7.7		6.2		Products to grow by 6.2% YoY, with appliance to grow by 7% YoY. Lighting expected ~3% YoY growth. We expect
	PBT	781	862	(9.3)	588		margin of 7.3% (+110bps QoQ). Profitability expected to
	Adj. PAT	585	639	(8.5)	430	35.9	
	Sales	17,488	16,995	2.9	18,769	(6.8)	We expect sales to grow by 2.9% YoY with ECD segment revenues expected growth of 7.4%. The weak demand
Crompton	EBITDA	1,749	1,931	(9.4)	1,069	63.5	scenario and seasonally weak quarter for Fan along with competitive pricing by the company, impacted its revenue.
Greaves Consumer	Margin (%)	10.0	11.4		5.7		Butterfly segment revenues are expected to fall by 3% YoY.
Electricals	PBT	1,474	1,533	(3.8)	770	91.5	EBITDA margin to contract by 140bps YoY mainly with
	Adj. PAT	1,103	1,258	(12.3)	395	179.2	lower GM due to competitive pricing and RM inflation. PAT is expected to see a de-growth of 12.3% YoY.
	Sales	41,960	36,795	14.0	48,338	(13.2)	Revenue expected to grow at 14.0% YoY with
	EBITDA	3,818	2,869	33.1	4,020	(5.0)	C&W/ECD/Lighting/Lloyd businesses to grow at 20%/10%/-3.5%/23% despite on weak demand scenario. RAC sector
Havells India	Margin (%)	9.1	7.8		8.3		benefited with dry Aug-23 & Lloyd benefit with commissioning of south plant, while competitive pricing
	PBT	3,469	2,517	37.8	3,821	(9.2)	continue in quarter. EBITDA margin expected at 9.1%, with
	Adj. PAT	2,596	1,870	38.8	2,871	(9.6)	the restricted GM due to price competition. PAT is expected to grow by 38.8% YoY, on lower base.
	Sales	18,339	16,081	14.0	17,826	2.9	We expect revenues to grow by 14.0% YoY with C&W
KEI Industries	EBITDA	1,944	1,606	21.1	1,783	9.0	segment growing by 14.3% mainly with strong demand in
	Margin (%)	10.6	10.0		10.0		institutional cable business and improvement in utilisation. The EPC segment is expected to register a growth of 10%
	PBT	1,752	1,438	21.9	1,630	7.5	YoY. EBITDA margin expected at 10.6% YoY, improved by
	Adj. PAT	1,311	1,069	22.6	1,214	8.0	+60bps mainly with favourable product mix and cost control.
	Sales	38,019	33,323	14.1	38,894	(2.2)	We expect sales to grow by 14.1% YoY with Wires & Cables growing by 15% mainly with strong volume growth in
	EBITDA	5,171	4,276	20.9	5,486	(5.7)	B2B business. FMEG expected growth of 4% impacted due
Polycab India	Margin (%)	13.6	12.8		14.1		to Fan segment. We expect margins to improve with (+80bps YoY) with commodity price changes and cost
	PBT	4,834	3,592	34.6	5,305	(8.9)	control. PAT to grow by 33.8% YoY, with increase in other
	Adj. PAT	3,584	2,677	33.8	3,993		income.
	Sales	16,638	NA	NA	15,973	4.2	We expect revenues to grow by 4.2% QoQ with C&W
D D Vobel	EBITDA	1,236	NA NA	NA	1,129	9.5	segment growing by 4% QoQ mainly with strong demand domestic business and market share gain in retail. FMEG
R R Kabel	Margin (%) PBT	<i>7.4</i> 951	<i>NA</i> NA	NA	7.1 987	(2.7)	business expected to de-grow by 1% with slowdown in Fan
	Adj. PAT	699	NA NA	NA NA	743	(3.7) (5.9)	business. EBITDA margin to improve sequentially at 7.4% YoY, mainly with favourable product mix and cost control.
	Sales	20,278	17,684	14.7	33,599	(39.6)	RAC industry, mainly secondary sales, has been benefited
	EBITDA	1,217	1,008	20.7	1,854	(34.4)	by dry Aug-23 in seasonal weak quarter and increased competition continue in Q2FY24, resulting in lower sales volumes for Voltas. UCP is expected to report revenue
Voltas	Margin (%)	6.0	5.7		5.5		growth of 12.0% YoY. The volume growth expected good considering weak guarter. Bekp continue to report loss.
	PBT	1,578	1,488	6.1	2,340	(32.6)	EMPS segment expected 25% YoY growth with positive margin. Consolidated revenues to grow by 15.7% YoY with
	Adj. PAT	3,584	2,677	33.8	3,993	(10.2)	EBITDA margin at 6.0% (+20bps YoY). PAT is expected to de-grow by 7.3%.



Exhibit 3: Category wise growth across our coverage – Healthy growth expected Cable & Wire segment

							F			
	FY18	FY19	FY20	FY21	FY22	FY23	5 yr CAGR	FY24E	FY25E	FY26E
Cables & wires (Rs Bn)										
Havells	26.8	32.3	29.9	31.8	46.5	55.3	15.6%	65.7	76.8	88.4
Polycab	62.4	69.3	75.2	75.8	107.0	125.4	15.0%	154.9	178.9	208.7
KEI Industries	28.1	35.0	41.2	37.2	53.5	65.1	18.3%	77.8	91.3	105.0
RR Kabel	19.8	22.6	22.5	25.2	41.1	49.6	20.2%	61.0	77.5	90.7
Cables & Wires margin %										
Havells	16.3	16.1	16.3	16.3	14.6	16.0		16.0	16.0	16.0
Polycab	10.3	12.1	12.3	12.0	9.7	13.1		12.0	12.0	12.9
KEI Industries	10.8	10.7	10.9	11.2	9.3	9.1		10.9	11.4	11.4
RR Kabel	10.7	7.5	8.9	9.0	7.8	7.1		8.0	8.6	8.9
FMEG (Rs bn) (ECD & Lighting)										
Polycab	4.9	6.4	8.4	10.3	12.5	12.6	21.0%	14.4	16.7	19.7
Bajaj Electricals	22.3	27.4	30.8	33.0	43.7	48.8	17.0%	54.9	62.9	71.3
Havells	42.5	53.3	52.1	55.6	77.2	88.3	15.7%	101.1	115.8	131.3
Crompton	41.1	44.8	45.1	48.0	53.9	58.1	7.2%	62.6	73.1	
RR Kabel	-	1.5	1.9	2.0	2.7	6.5	NA	6.9	7.4	7.9
FMEG margin %										
Polycab	1.8	1.2	2.0	5.5	1.6	(0.4)		3.5	5.5	7.0
Bajaj Electricals	4.9	6.6	6.8	9.8	7.5	6.5		6.7	8.2	8.3
Havells	27.6	27.1	27.5	27.1	25.7	27.7		27.6	27.6	27.6
Crompton	16.6	16.1	16.4	17.8	17.7	18.4		18.6	18.7	18.8
RR Kabel	#DIV/0!	(3.9)	(9.2)	(14.7)	(10.9)	(10.7)		(6.4)	(4.7)	(3.1)
EPC (Rs bn)										
KEI Industries	9.6	10.3	14.0	9.8	8.7	7.1	-5.9%	10.4	11.5	12.6
EPC margin %										
KEI Industries	10.9	13.8	11.7	9.3	9.4	9.5		8.5	8.5	8.5
0 0 0										

Exhibit 4: Returns maintained at healthy level



Source: Company, PL



Exhibit 5: FCF improvement visible across companies

		Net Profit	CF before WC chng.	Less: Chng. in WC	OCF	Less: Capex	FCF	OCF/PAT (%)	FCF/PAT (%)
	FY22	11,965	18,186	3,243	17,280	(2,528)	14,752	144.4%	123.3%
	FY23	10,717	17,265	(8,967)	4,545	(6,022)	(1,477)	42.4%	-13.8%
Havells	FY24E	13,935	21,428	(2,233)	14,438	(5,070)	9,368	103.6%	67.2%
	FY25E	17,522	27,390	(1,727)	19,682	(2,800)	16,882	112.3%	96.3%
	FY26E	22,218	34,020	(1,002)	25,433	(2,900)	22,533	114.5%	101.4%
	FY22	9,120	13,430	(4,974)	5,116	5,330	10,446	56.1%	114.5%
	FY23	12,700	19,557	(515)	14,792	(4,763)	10,029	116.5%	79.0%
Polycab	FY24E	16,510	24,526	(5,675)	13,360	(5,545)	7,816	80.9%	47.3%
	FY25E	18,974	27,904	(4,710)	16,808	(5,309)	11,499	88.6%	60.6%
	FY26E	22,857	33,290	(5,305)	20,223	(5,383)	14,841	88.5%	64.9%
	FY22	3,761	6,088	(2,555)	2,286	(596)	1,690	60.8%	44.9%
	FY23	4,766	6,996	(439)	4,911	(915)	3,995	103.0%	83.8%
KEI Industries	FY24E	6,205	9,012	(3,087)	3,788	(3,336)	452	61.0%	7.3%
	FY25E	7,398	10,795	(5,947)	2,300	(1,828)	472	31.1%	6.4%
	FY26E	8,495	12,302	(3,604)	5,772	(1,325)	4,447	67.9%	52.3%
	FY22	1,368	9,611	190	9,358	(49)	9,309	684.1%	680.5%
	FY23	2,296	5,335	739	5,201	206	5,408	226.5%	235.5%
Bajaj Electricals	FY24E	2,896	4,976	1,331	5,300	(319)	4,981	183.0%	172.0%
	FY25E	4,107	6,728	(1,204)	4,096	(786)	3,310	99.7%	80.6%
	FY26E	4,675	7,474	(1,177)	4,722	(757)	3,965	101.0%	84.8%
	FY22	5,041	8,449	(438)	5,842	(469)	5,373	115.9%	106.6%
	FY23	1,350	2,031	31	352	(2,196)	(1,844)	26.1%	-136.5%
Voltas	FY24E	6,062	10,572	965	9,182	(1,874)	7,308	151.5%	120.5%
	FY25E	7,832	11,889	(2,172)	6,876	(3,216)	3,659	87.8%	46.7%
	FY26E	9,435	13,864	(2,934)	7,614	(1,801)	5,814	80.7%	61.6%
	FY22	5,862	8,034	1,028	7,359	(1,712)	5,648	125.6%	96.4%
	FY23	4,632	7,896	3,614	10,153	(1,059)	9,094	219.2%	196.3%
Crompton	FY24E	5,248	8,840	(887)	6,185	748	6,932	117.8%	132.1%
	FY25E	6,849	10,816	(2,606)	5,903	(476)	5,427	86.2%	79.2%
	FY26E	8,070	12,060	(816)	8,525	(620)	7,905	105.6%	98.0%
	FY22	2,140	3,129	(1,649)	775	(809)	(34)	36.2%	-1.6%
	FY23	1,899	3,072	819	3,230	(1,790)	1,440	170.1%	75.9%
RR Kabel	FY24E	3,100	4,870	(2,603)	1,224	(2,875)	(1,651)	39.5%	-53.2%
	FY25E	4,534	6,902	(3,131)	2,246	(2,202)	44	49.5%	1.0%
	FY26E	5,699	8,568	(2,528)	4,124	(2,208)	1,915	72.4%	33.6%



Exhibit 6: Efficient working capital management, robust business model

Days		Havells	Polycab	KEI	Bajaj Electricals	Voltas	Crompton	RR Kabel
	FY22	78	65	69	74	76	49	59
	FY23	80	76	58	79	61	40	56
Inventory	FY24E	75	85	60	68	50	40	57
	FY25E	75	85	65	68	50	40	57
	FY26E	75	85	65	68	50	40	57
	FY22	20	39	89	74	97	42	43
	FY23	21	32	73	79	84	36	39
Debtor	FY24E	18	26	75	68	85	34	37
	FY25E	17	26	80	68	85	34	37
	FY26E	15	26	80	68	85	34	37
	FY22	62	47	49	93	135	69	14
	FY23	57	71	40	117	116	56	29
Payable	FY24E	47	64	46	62	114	54	24
	FY25E	47	64	46	61	113	54	24
	FY26E	46	64	46	61	113	54	24
	FY22	35	57	109	55	38	22	88
	FY23	44	38	92	40	30	20	66
Cash Cycle	FY24E	46	47	89	74	21	20	70
	FY25E	45	47	99	76	22	20	70
	FY26E	44	47	99	76	22	20	70



Exhibit 7: Valuation Summary

Company Names	y Names S/C Rating CMP		TP	MCap		Sales (Rs bn)			EBITDA (Rs bn)			PAT (Rs bn)			EPS (Rs)				RoE (%)				PE (x)						
Company Names	3/0	C Kalling	(Rs)	(Rs)	(Rs bn)	FY22	FY23	FY24E	FY25E	FY22	FY23 I	FY24E	FY25E	FY22	FY23 F	Y24E F	Y25E	FY22	FY23	FY24E	FY25E	FY22	FY23	FY24E F	Y25E	FY22	FY23 F	FY24E I	FY25E
Bajaj Electricals	S	BUY	1,056	1,421	121.5	47.9	48.8	54.9	62.9	2.5	3.7	4.3	5.9	1.5	2.3	2.9	4.1	13.1	19.9	25.2	35.7	9.0	12.4	13.9	17.2	80.8	52.9	42.0	29.6
Crompton Greaves Consumer Electricals	С	BUY	301	401	191.4	53.9	68.7	74.4	86.1	7.5	7.7	8.2	10.0	5.7	4.6	5.2	6.8	9.0	7.3	8.0	10.4	26.1	18.1	18.6	21.8	33.3	41.3	37.6	28.8
Havells India	С	Acc	1,399	1,538	876.8	139.4	169.1	193.8	222.4	17.6	16.0	20.1	24.7	12.0	10.7	13.9	17.5	19.1	17.1	22.2	28.0	21.4	17.0	19.4	20.9	73.3	81.8	62.9	50.0
KEI Industries	С	BUY	2,726	2,908	245.8	57.3	69.1	82.4	96.2	5.9	7.1	9.1	10.8	3.8	4.8	6.2	7.4	41.9	52.8	68.8	82.0	19.2	20.2	21.6	21.2	65.1	51.6	39.6	33.2
Polycab India	С	Acc	5,259	5,665	787.7	122.8	141.1	173.7	200.8	13.4	18.5	23.4	27.0	9.1	12.7	16.5	19.0	61.0	84.8	110.2	126.7	17.7	20.9	22.4	21.3	86.2	62.0	47.7	41.5
R R Kabel	С	BUY	1,503	1,624	143.8	43.9	56.0	67.9	84.9	3.0	3.2	4.9	7.0	2.1	1.9	3.1	4.5	44.7	19.8	27.5	40.2	18.6	14.2	18.6	21.1	33.6	75.7	54.7	37.4
Voltas	С	HOLD	885	909	292.8	79.3	95.0	109.2	123.9	6.8	5.7	7.9	9.7	5.0	3.8	6.1	7.8	15.2	11.5	18.3	23.7	9.6	6.9	10.7	12.6	58.1	77.3	48.3	37.4

S=Standalone / C=Consolidated / Acc=Accumulate

Exhibit 8: Change in Estimates

	Det	Rating Target Price –		Sales						PAT						EPS								
	Rat	ing	Tai	rget Price	Э	FY24E				FY25E			FY24E			FY25E			FY24E			FY25E		
	С	Р	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	
Bajaj Electricals	BUY	Acc	1,421	1,337	6.2%	54,928	54,928	0.0%	62,921	62,921	0.0%	2,896	2,896	0.0%	4,107	4,107	0.0%	25.2	25.2	0.0%	35.7	35.7	0.0%	
Crompton Greaves Consumer Electricals	BUY	BUY	401	369	8.9%	74,407	74,407	0.0%	86,129	86,129	0.0%	5,248	5,248	0.0%	6,849	6,849	0.0%	8.0	8.0	0.0%	10.4	10.4	0.0%	
Havells India	Acc	Acc	1,538	1,538	0.0%	1,93,849	1,93,849	0.0%	2,22,409	2,22,409	0.0%	13,935	13,935	0.0%	17,522	17,522	0.0%	22.2	22.2	0.0%	28.0	28.0	0.0%	
KEI Industries	BUY	BUY	2,908	2,908	0.0%	82,380	82,380	0.0%	96,240	96,240	0.0%	6,205	6,205	0.0%	7,398	7,398	0.0%	68.8	68.8	0.0%	82.0	82.0	0.0%	
Polycab India	Acc	Acc	5,665	4,760	19.0%	1,73,732	1,73,732	0.0%	2,00,789	2,00,789	0.0%	16,510	16,510	0.0%	18,974	18,974	0.0%	110.2	110.2	0.0%	126.7	126.7	0.0%	
R R Kabel	BUY	BUY	1,624	1,407	15.4%	67,903	67,903	0.0%	84,886	84,886	0.0%	3,100	3,100	0.0%	4,534	4,534	0.0%	27.5	27.5	0.0%	40.2	40.2	0.0%	
Voltas	HOLD	HOLD	909	831	9.4%	1,09,176	1,09,176	0.0%	1,23,937	1,23,937	0.0%	6,062	6,062	0.0%	7,832	7,832	0.0%	18.3	18.3	0.0%	23.7	23.7	0.0%	

Source: Company, PL

C=Current / P=Previous / Acc=Accumulate



Analyst Coverage Universe

Sr. No.	Company Name	Rating	TP (Rs)	Share Price (Rs)
1	Astral Ltd.	Hold	1,955	1,974
2	Bajaj Electricals	Accumulate	1,337	1,220
3	Century Plyboard (I)	BUY	800	629
4	Cera Sanitaryware	Hold	8,224	7,917
5	Crompton Greaves Consumer Electricals	BUY	369	309
6	Finolex Industries	Accumulate	197	184
7	Greenpanel Industries	BUY	459	341
8	Havells India	Accumulate	1,538	1,404
9	Kajaria Ceramics	Hold	1,363	1,393
10	KEI Industries	BUY	2,908	2,480
11	Polycab India	Accumulate	4,760	4,309
12	R R Kabel	BUY	1,407	1,035
13	Supreme Industries	Hold	3,377	3,382
14	Voltas	Hold	831	829

PL's Recommendation Nomenclature

 Buy
 : > 15%

 Accumulate
 : 5% to 15%

 Hold
 : +5% to -5%

 Reduce
 : -5% to -15%

 Sell
 : < -15%</td>

Not Rated (NR) : No specific call on the stock Under Review (UR) : Rating likely to change shortly



ANALYST CERTIFICATION

(Indian Clients)

We/l Mr. Praveen Sahay- MBA Finance Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

(US Clients)

The research analysts, with respect to each issuer and its securities covered by them in this research report, certify that: All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and No part of his or her or their compensation was, is or will be directly related to the specific recommendation or views expressed in this research report.

DISCLAIMER

Indian Clients

Prabhudas Lilladher Pvt. Ltd, Mumbai, India (hereinafter referred to as "PL") is engaged in the business of Stock Broking, Portfolio Manager, Depository Participant and distribution for third party financial products. PL is a subsidiary of Prabhudas Lilladher Advisory Services Pvt Ltd. which has its various subsidiaries engaged in business of commodity broking, investment banking, financial services (margin funding) and distribution of third party financial/other products, details in respect of which are available at www.plindia.com.

This document has been prepared by the Research Division of PL and is meant for use by the recipient only as information and is not for circulation. This document is not to be reported or copied or made available to others without prior permission of PL. It should not be considered or taken as an offer to sell or a solicitation to buy or sell any security.

The information contained in this report has been obtained from sources that are considered to be reliable. However, PL has not independently verified the accuracy or completeness of the same. Neither PL nor any of its affiliates, its directors or its employees accepts any responsibility of whatsoever nature for the information, statements and opinion given, made available or expressed herein or for any omission therein.

Recipients of this report should be aware that past performance is not necessarily a guide to future performance and value of investments can go down as well. The suitability or otherwise of any investments will depend upon the recipient's particular circumstances and, in case of doubt, advice should be sought from an independent expert/advisor.

Either PL or its affiliates or its directors or its employees or its representatives or its clients or their relatives may have position(s), make market, act as principal or engage in transactions of securities of companies referred to in this report and they may have used the research material prior to publication.

PL may from time to time solicit or perform investment banking or other services for any company mentioned in this document.

PL is a registered with SEBI under the SEBI (Research Analysts) Regulation, 2014 and having registration number INH000000271.

PL submits that no material disciplinary action has been taken on us by any Regulatory Authority impacting Equity Research Analysis activities.

PL or its research analysts or its associates or his relatives do not have any financial interest in the subject company.

PL or its research analysts or its associates or his relatives do not have actual/beneficial ownership of one per cent or more securities of the subject company at the end of the month immediately preceding the date of publication of the research report.

PL or its research analysts or its associates or his relatives do not have any material conflict of interest at the time of publication of the research report.

PL or its associates might have received compensation from the subject company in the past twelve months.

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

PL or its associates might have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months.

PL or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months

PL or its associates might have received any compensation or other benefits from the subject company or third party in connection with the research report.

PL encourages independence in research report preparation and strives to minimize conflict in preparation of research report. PL or its analysts did not receive any compensation or other benefits from the subject Company or third party in connection with the preparation of the research report. PL or its Research Analysts do not have any material conflict of interest at the time of publication of this report.

It is confirmed that Mr. Praveen Sahay- MBA Finance Research Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

The Research analysts 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.

The research analysts for this report has not served as an officer, director or employee of the subject company PL or its research analysts have not engaged in market making activity for the subject company

Our sales people, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. 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.

PL and its associates, their directors and employees may (a) from time to time, have a long or short position in, and buy or sell the securities of the subject company or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company or act as an advisor or lender/borrower to the subject company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

US Clients

This research report is a product of Prabhudas Lilladher Pvt. Ltd., 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 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 by Prabhudas Lilladher Pvt. Ltd. only 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 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, Prabhudas Lilladher Pvt. Ltd. has entered into an agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo").

Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

Prabhudas Lilladher Pvt. Ltd.

3rd Floor, Sadhana House, 570, P. B. Marg, Worli, Mumbai-400 018, India | Tel: (91 22) 6632 2222 Fax: (91 22) 6632 2209 www.plindia.com