

July 8, 2024

Exhibit 1: PL Universe

Companies	Rating	CMP (Rs)	TP (Rs)
ABB India*	Acc	8,679	8,400
Apar Industries	Acc	8,862	8,872
Bharat Electronics	HOLD	324	290
BEML	HOLD	5,060	4,520
BHEL	Reduce	316	264
Carborundum Universal	Acc	1,690	1,631
Engineers India	HOLD	268	264
GE T&D India	Reduce	1,690	1,100
Grindwell Norton	Acc	2,850	2,737
Harsha Engineers Int.	HOLD	572	436
Hindustan Aeronautics	HOLD	5,552	4,515
KEC International	HOLD	903	754
Cummins India	HOLD	4,134	3,719
Kalpataru Projects Int.	HOLD	1,228	1,211
Larsen & Toubro	BUY	3,627	4,047
Praj Industries	BUY	733	815
Siemens#	Acc	7,884	7,030
Thermax	Reduce	5,605	3,923
Triveni Turbine	HOLD	633	653
Voltamp Transformers	HOLD	13,220	10,041

Source: PL

* Y/e Dec / # Y/e Sep

Acc=Accumulate

Top Picks

Praj Industries

Apar Industries

Triveni Turbine

Amit Anwani

amitanwani@plindia.com | 91-22-66322250

Shirom Kapur

shiromkapur@plindia.com | 91-22-66322344

Prathmesh Salunkhe

prathmeshsalunkhe@plindia.com |

Capital Goods

Apr-Jun'24 Earnings Preview

Domestic orders to moderate; margins in focus

We expect our capital goods coverage universe to report healthy performance in Q1FY25 owing to 1) the execution of robust opening order books, 2) continued capex-led demand in the domestic market, and 3) strong traction in certain key export segments such as ETCA, turbines and power. Overall, we expect revenue/EBITDA growth of ~11%/23% YoY (~13%/41% YoY ex-L&T). European demand, execution pace, order & enquiry pipeline, and supply chain constraints will be key monitorables. Our top picks are Praj Industries, Triveni Turbine, and Apar Industries.

Order inflows (OI) in Q1FY25 are likely to be partly impacted by general elections in India. However, thermal power, T&D, and buildings & factories saw decent OI during the quarter. In Q1FY25, L&T announced OI in the range of Rs165-330bn, while EPC companies KEC/Kalpataru announced OI worth Rs50bn/Rs23bn. BEL announced OI worth ~Rs48bn, while BHEL announced thermal power OI worth ~Rs200bn. Some ordering activity is likely to have been deferred due to elections. With policies anticipated to remain stable and focused on manufacturing localization, infrastructure development and energy transition, the long-term outlook remains strong across T&D, thermal & renewable power, railways, data centers, defense, etc., especially domestically.

Product/consumables companies' revenue is expected to grow ~17% YoY, led by strong domestic demand. EBITDA margins are likely to improve owing to better sales mix and operating leverage. Within product companies, we expect Consumables to report ~6% YoY revenue growth (CUMI: ~6% YoY & GWN: ~7% YoY), factoring in healthy demand in abrasives, offset by softness in some export markets and Chinese dumping of ceramics and electrominerals.

Project companies' revenue is expected to grow ~9% YoY led by robust opening order books; however, labor shortages during the election period may impact execution pace and margins.

Exhibit 2: 1QFY25E YoY growth (%)

Campanias	Sale	es .	EBIT	DA	PAT				
Companies	Rs mn	YoY gr.	Rs mn	YoY gr.	Rs mn	YoY gr.			
ABB	31,968	27.4%	5,786	65.9%	4,739	60.2%			
Apar Industries	42,668	13.1%	4,011	15.9%	2,235	13.2%			
BEML	6,530	13.2%	-457	NA	-677	NA			
Bharat Electronics	38,717	10.3%	7,589	14.2%	6,021	13.4%			
BHEL	62,219	24.4%	2,178	NA	787	NA			
Carborundum Universal	12,731	5.8%	1,986	17.2%	1,289	13.9%			
Cummins	24,628	11.5%	4,556	33.8%	4,047	28.2%			
Engineers India	8,649	5.7%	778	9.6%	1,184	-14.8%			
GE T&D India	9,284	29.4%	975	91.8%	640	126.8%			
Grindwell Norton	7,170	7.3%	1,355	0.2%	981	1.2%			
Harsha Engineers	3,661	5.2%	469	12.3%	304	23.5%			
Hindustan Aeronautics	43,460	11.0%	9,735	11.0%	9,062	11.3%			
Kalpataru Power	37,470	3.5%	3,073	-2.1%	1,139	-9.6%			
KEC International	42,664	0.5%	2,560	4.8%	466	10.1%			
Larsen & Toubro	5,17,896	8.2%	52,596	8.0%	26,504	6.3%			
Praj Industries	9,075	23.2%	998	39.9%	752	28.3%			
Siemens	57,119	17.2%	8,511	50.2%	6,711	47.3%			
Thermax	22,614	17.0%	1,741	31.7%	1,260	29.3%			
Triveni Turbine	4,658	23.7%	922	30.1%	770	26.8%			
Voltamp Transformers	3,830	18.9%	643	34.1%	603	18.7%			

Source: Company, PL



Top Picks

Praj Industries: We remain positive on Praj in the long run given 1) its leadership in domestic ethanol (50-55% market share), 2) large domestic CBG pipeline, 3) healthy export outlook in Engineering driven by ETCA, 4) focus on new technologies such as 2G ethanol, SAF, bio-manufacturing and multi-feedstock plants, and 5) improving margins owing to growing share of exports & services. We expect Praj to report revenue/adj. PAT CAGR of 21.2%/24.7% over FY24-26E. We have a 'Buy' rating on the stock with a TP of Rs815, valuing it at a PE of 34x FY26E.

Apar Industries: We believe Apar's focus towards value-added products and strong traction in exports business will continue to drive strong topline and profitability in the long run. We expect the company to report revenue/adj. PAT CAGR of 18.9%/14.3% over FY24-26E. We have an 'Accumulate' rating on the stock with an SoTP-derived TP of Rs8,877, valuing Conductors/ Cables/Specialty Oil segments at 35x/40x/15x FY26E.

Triveni Turbine: We believe Triveni Turbine's prospects continue to remain strong due to 1) a healthy enquiry pipeline across markets, 2) growing share of higher margin exports and aftermarket sales, 3) strong traction in both industrial and API drive turbines, and 4) robust order book with strong inflows across businesses. We expect the company to report revenue/adj. PAT CAGR of 28.9%/35.4% over FY24-26E. We have a **'Buy'** rating on the stock with a TP of Rs653, valuing it at a PE of 42x FY26E.

Exhibit 3: Decent OI expected in 1QFY25E, despite elections



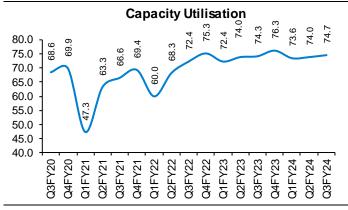
Source: Company, PL

Exhibit 5: Project activity saw a sharp decline in Q1FY25

	_		-		
Rs trillion	Jun-23	Sep-23	Dec-23	Mar-24	Jun-24
New projects	7.8	3.4	5.8	12.4	0.5
YoY gr.	15%	-39%	-42%	-23%	-93%
Completed projects	1.6	1.8	1.8	3.8	0.3
YoY gr.	30%	32%	-6%	71%	-79%
Stalled projects	0.9	0.3	0.0	1.5	0.9
YoY gr.	1020%	68478%	106%	7378%	-5%
Revived projects	0.3	0.4	0.5	0.5	0.1
YoY gr.	11%	144%	-58%	-53%	-72%

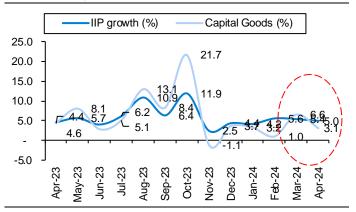
Source: CMIE, PL

Exhibit 4: Utilization level continues to remain healthy



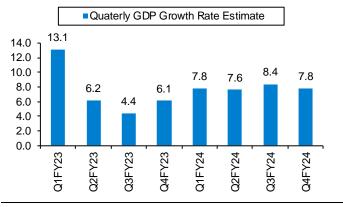
Source: RBI, PL

Exhibit 6: IIP growth remained stable over the last 3 months



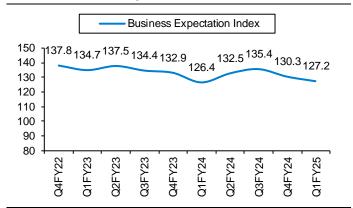
Source: MOSPI, PL

Exhibit 7: GDP growth estimate for Q4FY24 remains robust



Source: MOSPI, PL

Exhibit 8: Business expectation declined further in Q1FY25



Source: RBI, PL



Exhibit 9: Q1FY25 Result Preview

Sales 31,968 25,086 27-4 30,804 3.8 We expect ABB to report revenue growth of ~27 driven by strong growth in Electrification, Autority of the question of the part of the question o	ation, and 420bps nent in arter are ed traction arder with eccent ncrease ply chain, e growth of book. O' aided nnounced n contract eveloped pgrade of nt
ABB India	ation, and 420bps nent in arter are ed traction rider with eccent ncrease ply chain, e growth of book. O' aided n contract eveloped pgrade of nt
## ABB India Margin (%) 18.1 13.9 420 bps 18.3 2-25 bps product mix and pricing. Order inflows for the quilkely to be led by the Electrification, with continue improver product mix and pricing. Order inflows for the quilkely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue in likely to be led by the Electrification, with continue discounts in flow will be key monitorables. ### Adj. PAT	420bps nent in arter are ed traction rder with ecent ncrease ply chain, e growth of book. bY aided n contract eveloped pgrade of nt
ABB India Margin (%) 18.1 13.9 420 bps 18.3 -25 bps product mix and pricing. Order inflows for the equal in large orders from data centers. Management in large orders from data centers. Management in large orders from data centers. Management ormentary on commodity costs and Robotics of inflow will be key monitorables. Apar Industries Augin (%) 9.4 9.2 23 bps 9.5 -6 bps We estimate Apar's revenue to rise ~13% YoY. We stimate Apar's revenue to rise ~13% YoY. We stimate Apar's revenue to rise ~13% YoY. We stimate Apar's revenue to rise ~13% YoY. We probe yor aided by operating leverage. We estimate Apar's revenue to rise ~13% YoY. We stimate Apar's revenue to rise ~13% YoY. We probe yor aided by operating leverage. Apar Industries Margin (%) 9.4 9.2 23 bps 9.5 -6 bps Very 20bps YoY aided by operating leverage. We estimate Apar's revenue to rise ~13% YoY. We stimule to rise operating leverage. Bales 38,717 35,108 10.3 85,285 (54.6) Bharat Electronics is expected to deliver revenue or revenue order intake worth -Rs48bn, including a -Rs32b representation of a strong order intake worth -Rs48bn, including a -Rs32b representation of a strong order intake worth -Rs48bn, including a -Rs32b representation of a strong order intake worth -Rs48bn, including a -Rs32b representation or repre	erter are ed traction with ecent ncrease ply chain, e growth of book. O'Y aided n contract eveloped pgrade of nt
Adj. PAT	vith ecent ncrease ply chain, e growth of book. by aided nnounced n contract eveloped pgrade of nt
Sales 42,668 37,730 13.1 44,551 (4.2)	vith ecent ncrease ply chain, e growth of book. by aided nnounced n contract eveloped pgrade of nt
## Apar Industries ## Apar Indus	ecent ncrease ply chain, e growth of book. by aided nnounced n contract leveloped pgrade of nt
Apar Industries Margin (%) PBT 2,988 2,632 13.5 3,216 (7.1) Adj. PAT 2,235 1,974 13.2 2,362 (5.4) Sales 38,717 35,108 10.3 85,285 (54.6) EBITDA margin is expected to rise by ~70bps Yor diversible segment, and supply chain issues will be key monitorables. Bharat Electronics Bharat Electronics PBT 8,028 7,038 14.1 23,856 (66.2) Sales 6,530 5,769 13.2 15,137 BEML Margin (%) PBT 4,677 -750 NA 3,476 Adj. PAT 6,219 Sales 6,2219 50,034 24.4 82,603 9.5 -6 bps y columes) and Cables. EBITDA margin will likely by ~20bps YoY aided by operating leverage. During the very menterative of a strong order EBITDA margin is expected to rise by ~70bps Yo by operating leverage. During the quarter, BEL a order intake worth ~Rs48bn, including a ~Rs32b from AVNL for supply of supply of indigenously of Sighting and Fire Control System (FCS) for the Light of the Indian Army. Management commentary on order pipeline, exports, non-defe segment, and supply chain issues will be key monitorables. We expect BEML to register revenue growth of driven by continued execution of Metro contracts margin is likely to improve by ~180bps YoY to 7 bys better absorption of fixed costs. Management on in Defence and Rail & Metro will be key monitoracts margin is likely to improve by ~180bps YoY to 7 bys better absorption of fixed costs. Management in Defence and Rail & Metro will be key monitoracts on the province of the Indian Army. Management and reciph to delays will be key monitoracts or the Indian Army. Management and reciph to delays will be key monitoracts or the Indian Army. Management and reciph to delays will be key monitoracts or the Indian Army. Management and reciph to delays will be key monitoracts or the Indian Army. Management and reciph to delays will be key monitoracts or the Indian Army. Management and reciph to delays will be key monitoracts or the Indian Army. Management and reciph to delays will be key monitoracts or the Indian Army. Management and reciph to delays will be key monitoracts or the Indian Army. Management and reciph	ply chain, growth of book. by aided nnounced n contract eveloped pgrade of nt
PBT 2,988 2,632 13.5 3,216 (7.1) 3,40 PAT 2,235 1,974 13.2 2,362 (5.4) Sales 38,717 35,108 10.3 85,285 (54.6) Bharat Electronics is expected to deliver revenue ~10% YoY, driven by execution of a strong order intake worth ~Rs48bn, including a ~Rs32b from AVNL for supply of supply of indigenously of Sighting and Fire Control System (FCS) for the understand provided and freely and freight delays will be key monitorables. Bharat Electronics is expected to deliver revenue ~10% YoY, driven by execution of a strong order intake worth ~Rs48bn, including a ~Rs32b from AVNL for supply of supply of indigenously of Sighting and Fire Control System (FCS) for the understand provided and freely delays will be key monitorables. BBARAT	ply chain, e growth of book. by aided nnounced n contract eveloped pgrade of nt
Adj. PAT 2,235 1,974 13.2 2,362 (5.4) and freight delays will be key monitorables. Sales 38,717 35,108 10.3 85,285 (54.6) EBITDA 7,589 6,644 14.2 22,800 (66.7) Bharat Electronics is expected to deliver revenue ~10% YoY, driven by execution of a strong order EBITDA margin is expected to rise by ~70bps Yo by operating leverage. During the quarter, BEL a order intake worth ~Rs48bn, including a ~Rs32b from AVNL for supply of supply of indigenously of sighting and Fire Control System (FCS) for the u BMP 2/2K Tanks of the Indian Army. Manageme commentary on order pipeline, exports, non-defe segment, and supply chain issues will be key monitorables. BEML Margin (%) 7.00 7.88 176 bps 24.5 bps by better absorption of fixed costs. Management of a driven by continued execution of Metro contracts margin is likely to improve by ~180bps YoY to ~7 bps by better absorption of fixed costs. Management of a driven or supply chain constraints and order in Defence and Rail & Metro will be key monitorables. Sales 62,219 50,034 24.4 82,603 (24.7) We expect BHEL's revenue to grow ~24% YoY, healthy execution across both Power and Industrial margin is likely to improve by ~180bps and freight delays will be key monitorables. Bharat Electronics is expected to rise by ~10% YoY, driven by execution of a strong order EBITDA margin is expected to rise by ~70bps YoY, driven by contraction of fixed costs. Management or in Defence and Rail & Metro will be key monitorables.	e growth of book. by aided nnounced n contract eveloped pgrade of nt
Sales 38,717 35,108 10.3 85,285 (54.6) EBITDA 7,589 6,644 14.2 22,800 (66.7) Bharat Electronics Margin (%) 19.6 18.9 67 bps 26.7 -713 bps from AVNL for supply of supply of indigenously or Sighting and Fire Control System (FCS) for the Lagrangian and Fire Control System (FCS) for	book. DY aided nnounced n contract leveloped pgrade of nt
Bharat Electronics	book. DY aided nnounced n contract leveloped pgrade of nt
Bharat Electronics Margin (%) PBT 8,028 7,038 14.1 23,856 Adj. PAT Adj. PAT Adj. PAT Adj. PAT Adj. PAT Adj. PAT Sales 62,219 50,034 24.4 82,603 (66.7) by operating leverage. During the quarter, BEL a order intake worth ~Rs48bn, including a ~Rs32b from AVNL for supply of supply of indigenously of Sighting and Fire Control System (FCS) for the u Sighting and Fi	nnounced n contract eveloped pgrade of nt
Electronics Margin (%) 19.6 18.9 67 bps 26.7 713 bps from AVNL for supply of supply of indigenously of Sighting and Fire Control System (FCS) for the use Sighting and Fire Control System (FCS) for the us	eveloped pgrade of nt
PBT 8,028 7,038 14.1 23,856 (66.3) BMP 2/2K Tanks of the Indian Army. Manageme commentary on order pipeline, exports, non-defe segment, and supply chain issues will be key monitorables. Sales 6,530 5,769 13.2 15,137 (56.9) EBITDA -457 -505 NA 3,704 NA driven by continued execution of Metro contracts margin is likely to improve by ~180bps YoY to -7 bps by better absorption of fixed costs. Management commentary on order pipeline, exports, non-defe segment, and supply chain issues will be key monitorables. We expect BEML to register revenue growth of ~ driven by continued execution of Metro contracts margin is likely to improve by ~180bps YoY to -7 bps by better absorption of fixed costs. Management commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral with the commentary on supply chain constraints and order in Defence and Rail & Metro will be key monitoral w	nt
BEML BEML Margin (%) PBT Adj. PAT Adj. PAT Sales 62,219 50,034 Adj. PAT BEML Sales 6,530 5,769 13.2 15,137 (56.9) NA 3,704 NA 4riven by continued execution of Metro contracts margin is likely to improve by ~180bps YoY to -7 bps by better absorption of fixed costs. Management commentary on supply chain constraints and ord in Defence and Rail & Metro will be key monitoral monitoral monitoral monitorables. We expect BEML to register revenue growth of ~ driven by continued execution of Metro contracts margin is likely to improve by ~180bps YoY to -7 bps by better absorption of fixed costs. Management commentary on supply chain constraints and ord in Defence and Rail & Metro will be key monitoral margin is likely to improve by ~180bps YoY to -7 bps by better absorption of fixed costs. Management commentary on supply chain constraints and ord in Defence and Rail & Metro will be key monitoral	
BEML Margin (%) PBT Adj. PAT Adj. PAT Sales BEML A-457 -505 NA 3,704 Adj. PAT Adj. PAT Sales A-457 -505 NA 3,704 NA 3,704 NA 3,704 NA 3,704 NA 3,704 NA 3,476 NA 3,476 NA 3,476 NA 2,568 NA NA NA Sales Adj. PAT Sales Adj. PAT Sales Adj. PAT Sales Adj. PAT	
BEML Margin (%) PBT Adj. PAT Sales 62,219 50,034 Ad driven by continued execution of Metro contracts NA 3,704 NA driven by continued execution of Metro contracts margin is likely to improve by ~180bps YoY to -7 by by better absorption of fixed costs. Management NA Commentary on supply chain constraints and ord in Defence and Rail & Metro will be key monitoral We expect BHEL's revenue to grow ~24% YoY, healthy execution across both Power and Industri	13% YoY
PBT -677 -750 NA 3,476 NA commentary on supply chain constraints and ord in Defence and Rail & Metro will be key monitoral NA Sales 62,219 50,034 24.4 82,603 (24.7) We expect BHEL's revenue to grow ~24% YoY, healthy execution across both Power and Industria	. EBITDA
Adj. PAT -677 -750 NA 2,568 NA in Defence and Rail & Metro will be key monitoral NA Sales 62,219 50,034 24.4 82,603 (24.7) We expect BHEL's revenue to grow ~24% YoY, healthy execution across both Power and Industrial NA Sales 62,219 50,034 24.4 82,603 (24.7)	% alded
Sales 62,219 50,034 24.4 82,603 (24.7) We expect BHEL's revenue to grow ~24% YoY, healthy execution across both Power and Industrial	
Sales 62,219 50,034 24.4 82,003 (24.7) healthy execution across both Power and Industr	
	у
EBITDA 2,178 -3,641 NA 7,279 (70.1) segments. EBITDA margin is estimated to come (vs loss of -7.3% YoY), led by pick up in execution	n. The
BHEL Margin (%) 3.5 -7.3 1078 bps 8.8 -531 bps company recorded strong order intake this quarter including ~Rs133bn for Koderma Phase III from Example 1.5 for the company recorded strong order intake this quarter including ~Rs133bn for Koderma Phase III from Example 2.5 for the company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order intake this quarter including a company recorded strong order into the company recorded strong o	OVC and
PBT 1,078 -4,699 NA 6,311 (82.9) two contracts worth ~Rs70bn from Adani Power supercritical thermal power plants. Execution page	
Adj. PAT 787 -3,517 <i>NA</i> 4,844 (83.8) thermal project pipeline, defence prospects, HVI tendering, and supply chain will be key monitoral	oles.
Sales 12,731 12,032 5.8 12,012 6.0 We estimate consolidated revenue to rise ~6% Y international Abrasives and Ceramics and domes	- , 3
EBITDA 1,986 1,694 17.2 2,094 (5.2) Electrominerals, partly offset by continued Chine dumping in domestic retail abrasives and internal	
Carborundum Universal Margin (%) 15.6 14.1 152 bps 17.4 -184 bps electrominerals. EBITDA margin is expected to electrominerals. EBITDA margin is expected to electrominerals. EBITDA margin is expected to electrominerals.	
PBT 1,707 1,494 14.3 1,674 2.0 AWUKO and RHODIUS. Management comment European demand, Chinese dumping in retail ab	rasives
Adj. PAT 1,289 1,132 13.9 1,348 (4.4) and silicon carbide, and performance of internati subsidiaries will be key monitorables.	onal
Sales 8,649 8,183 5.7 8,051 7.4 We expect EIL to register revenue growth of ~69	
EBITDA 7/8 710 9.6 7/5 0.5 segments. EBITDA margin is expected to improve	e by
Engineers India Margin (%) 9.0 8.7 32 bps 9.6 -62 bps ~30bps YoY to 9.0% owing to better margin in To PBT 1,275 1,560 (18.3) 1,171 8.9 business. Management commentary on major do	
PBT 1,275 1,560 (18.3) 1,171 8.9 business. Management commentary of major do petrochemical tenders, green energy opportunitie Adj. PAT 1,184 1,389 (14.8) 1,155 2.5 international business will be key monitorables.	
Sales 9,284 7,176 29.4 9,136 1.6 We expect revenue to grow by ~29% YoY driven	by
EBITDA 975 508 91.8 1,110 (12.1) continued execution of a substantial order book.	
GE T&D India Margin (%) 10.5 7.1 342 bps 12.1 -165 bps margin is expected to expand by ~340bps YoY to on the back of better gross margin. Management	
PBT 915 386 136.8 1,012 (9.6) commentary on HVDC & STATCOM ordering an	10.5%
Adj. PAT 640 282 126.8 663 (3.4) party transactions will be key monitorables.	10.5%



Company Name		Q1FY25E	Q1FY24	YoY gr. (%)	Q4FY24	QoQ gr. (%)	Remark
	Sales	7,170	6,684	7.3	6,911	3.8	We expect Grindwell to record revenue growth of ~7%
	EBITDA	1,355	1,352	0.2	1,250	8.4	YoY led by the Abrasives segment. EBITDA margin is
Grindwell Norton	Margin (%)	18.9	20.2	-133 bps	18.1	81 bps	likely to decline by ~130bps YoY to 18.9% factoring
	PBT	1,325	1,310	1.2	1,208		increased investments and some softness in export markets. Performance of Ceramics & Plastics segment will
	Adj. PAT	981	970	1.2	926	6.0	be the key monitorable.
	Sales	3,661	3,480	5.2	3,804	(3.8)	We estimate Harsha's revenue to grow ~5% YoY led by
Harsha	EBITDA	469	418	12.3	545	(13.9)	decent domestic demand in the Engineering segment and continued execution in Solar EPC, offset by soft demand in
Engineers	Margin (%)	12.8	12.0	81 bps	14.3	-151 bps	Europe. EBITDA margin is likely to increase by ~80bps
International	PBT	411	336	22.3	495	(16.8)	YoY 12.8% aided by better mix. Management commentary on Romania & China subsidiaries, export demand, bronze
	Adj. PAT	304	246	23.5	368	(17.4)	bushings, and Japan sales are key monitorables.
	Sales	43,460	39,154	11.0	1,42,198	(69.4)	HAL's revenue is expected to grow ~11% YoY, driven by
	EBITDA	9,735	8,768	11.0	53,523	(81.8)	execution of an expanded manufacturing order book and steady execution in RoH & Spares. EBITDA margin is
Hindustan Aeronautics	Margin (%)	22.4	22.4	1 bps	37.6	-1524 bps	likely to remain flat YoY owing to a higher mix of
	PBT	12,115	10,854	11.6	52,343	(76.9)	manufacturing revenue offset by lower employee costs (vs a high base in Q1FY24). Margins and provision expenses
	Adj. PAT	9,062	8,142	11.3	39,009	(76.8)	will be key monitorables.
	Sales	42,664	42,436	0.5	61,648	(30.8)	We expect revenue to come in flattish YoY in Q1 as labour
L/E0	EBITDA	2,560	2,443	4.8	3,880	(34.0)	shortages will likely lead to a slowdown in execution, while Railways business is expected to remain soft. EBITDA
KEC International	Margin (%)	6.0	5.8	24 bps	6.3	-29 bps	margin is also likely to remain largely flattish YoY. During
	PBT	605	467	29.6	1,933	(68.7)	the quarter, KEC announced strong order inflows worth ~Rs50bn led by T&D. Management commentary on
	Adj. PAT	466	423	10.1	1,518	(69.3)	execution pace will be a key monitorable.
	Sales	24,628	22,087	11.5	23,162	6.3	Cummins' revenue is expected to grow 11.5% YoY, led by strong domestic growth, while exports will likely continue to
	EBITDA	4,556	3,406	33.8	5,443	(16.3)	see some correction owing to to geopolitical issues in the
Cummins India	Margin (%)	18.5	15.4	308 bps	23.5	-500 bps	Middle East, currency problems in Africa, and soft demand in Europe. EBITDA margin is estimated to increase by
	PBT	5,396	4,146	30.2	7,006		~310bps to 18.5% aided by better product mix.
						(23.0)	Management's commentary on export markets, CPCB IV+ sales, data centers, and commodity costs will be key
	Adj. PAT	4,047	3,157	28.2	5,615	(27.9)	monitorables.
	Sales	37,470	36,220	3.5	51,470	(27.2)	We expect Kalpataru's standalone revenue to grow 3.5% YoY, with labour shortages likely to have an impact on
Kalpataru	EBITDA	3,073	3,140	-2.1	3,999	(23.2)	execution. EBITDA margin may contract by ~50bps YoY
Projects	Margin (%)	8.2	8.7	-47 bps	7.8	43 bps	factoring in higher manufacturing expenses. During the quarter, the company announced order intake worth
International	PBT	1,583	1,750	-9.6	2,449	(35.4)	~Rs23bn across T&D and B&F. Management commentary
	Adj. PAT	1,139	1,260	-9.6	1,749	(34.9)	on execution pace, tender pipeline, and domestic oil & gas market will be key monitorables.
	Sales	5,17,896	4,78,824	8.2	6,70,787	(22.8)	We expect L&T to report consolidated revenue growth of
	EBITDA	52,596	48,686	8.0	72,340	(27.3)	~8% YoY, led by growth in Energy and services businesses. However, Projects & Manufacturing execution
			•				may be impacted by labour shortages. EBITDA margin is
Larsen & Toubro	Margin (%)	10.2	10.2	-1 bps	10.8	-63 bps	likely to remain flattish at 10.2%. During the quarter, L&T announced order intake in the range of Rs165-300bn, led
	PBT	45,152	43,324	4.2	63,282	(28.6)	by Solar Energy, Buildings & Factories and Hydrocarbon.
	Adj. PAT	26,504	24,930	6.3	43,232	(38.7)	Management commentary on international order prospects, domestic tendering activity, working capital, and
		•				, ,	performance of Hyderabad Metro will be key monitorables.
	Sales	9,075	7,367	23.2	10,186	' /	We estimate Praj to report revenue growth of ~23% YoY, led by robust execution of ETCA orders in the Engineering
Desilie de 11	EBITDA	998	713	39.9	1,262	(20.9)	segment. EBITDA margin is likely to rise by ~130bps
Praj Industries	Margin (%)	11.0	9.7	132 bps		-139 bps	owing to better sales mix. Management commentary on sugar-based ethanol orders, GenX facility, IRA 45Z
	PBT	1,003	777	29.1	1,230	(18.5)	notification on low-carbon ethanol in USA, and CBG
	Adj. PAT	752	587	28.3	919	(18.2)	•
	Sales	57,119	48,732	17.2	57,499	(0.7)	We estimate Siemens to report ~17% YoY revenue growth in Q3SY24 driven execution of a strong opening order
	EBITDA	8,511	5,666	50.2	8,782	(3.1)	book, with healthy growth expected across segments. EBITDA margin is likely to expand by ~330bps YoY to
Siemens	Margin (%)	14.9	11.6	327 bps	15.3	-37 bps	14.9% aided by lower other expenses vs a high base in
	PBT	9,012	6,071	48.4	8,956	0.6	Q3SY23. Orders are expected to be driven by continued investments in power infrastructure, rail & metro, data
							centers, buildings & factories, etc. Digital Industries order
	Adj. PAT	6,711	4,555	47.3	6,606	1.6	inflow will be a key monitorable.



Company Name		Q1FY25E	Q1FY24	YoY gr. (%)	Q4FY24	QoQ gr. (%)	Remark
	Sales	22,614	19,330	17.0	27,637	(18.2)	We estimate Thermax's revenue to grow ~17% YoY, with
Thermax	EBITDA	1,741	1,322	31.7	2,732	(36.3)	healthy growth expected across segments led by Industrial
	Margin (%)	7.7	6.8	86 bps	9.9	-218 bps	Products and Green Solutions. EBITDA margin will likely improve by ~90bps YoY to 7.7% owing to better mix.
	PBT	1,691	1,425	18.7	2,507	(32.5)	Management's commentary on large orders and bio-CNG
	Adj. PAT	1,260	974	29.3	1,876	(32.8)	business will be key monitorables.
	Sales	4,658	3,764	23.7	4,581	1.7	We expect Triveni Turbine to report ~24% YoY revenue
	EBITDA	922	709	30.1	898	2.7	growth, driven by strong sales in export markets. EBITDA
Triveni Turbine	Margin (%)	19.8	18.8	96 bps	19.6	19 bps	margin is likely to increase by ~100bps YoY to 19.8% aided by operating leverage benefits. Management
	PBT	1,023	786	30.1	1,009		commentary on enquiry pipeline, domestic orders, and
	Adj. PAT	770	608	26.8	760	1.4	aftermarket business will be key monitorables.
	Sales	3,830	3,222	18.9	5,042	(24.0)	Managinata Valtaran ta rasand rayanya aray that 400/
Waltana	EBITDA	643	480	34.1	1,007	(36.1)	We estimate Voltamp to record revenue growth of ~19% YoY, driven by healthy volumes and higher service
Voltamp Transformers	Margin (%)	16.8	14.9	190 bps	20.0	-318 bps	3 , , ,
	PBT	793	685	15.9	1,194	(33.5)	to 16.8%. Management commentary on competition and commodity costs will be key monitorables.
	Adj. PAT	603	508	18.7	935	(35.5)	

Source: Company, PL



Exhibit 10: Valuation Summary

Company Names	SIC	Rating	СМР	TP	МСар		Sales (F	Rs bn)		Е	BITDA	(Rs bn)			PAT (R	s bn)			EPS	Rs)			RoE	(%)			PE ((x)	
Company Names	3/0	Kaung	(Rs)	(Rs)	(Rs bn)	FY23	FY24	FY25E	FY26E	FY23	FY24	FY25E	FY26E	FY23	FY24	FY25E	FY26E	FY23	FY24	FY25E	FY26E	FY23	FY24 I	Y25E I	FY26E	FY23	FY24	FY25E	FY26E
ABB India*	S	Acc	8,679	8,400	1,839.2	85.7	104.5	131.4	159.2	9.6	14.9	20.9	26.1	7.7	12.5	17.0	21.1	36.4	58.9	80.2	99.6	17.1	22.9	26.0	26.8	238.8	147.3	108.3	87.2
Apar Industries	С	Acc	8,862	8,872	356.0	143.4	161.5	194.4	228.5	12.3	15.2	16.4	19.7	6.4	8.3	8.5	10.8	166.6	205.4	212.5	268.3	32.3	27.0	25.4	33.5	53.2	43.1	41.7	33.0
Bharat Electronics	S	HOLD	324	290	2,368.7	176.5	201.7	232.8	270.7	40.5	50.0	57.0	67.5	30.1	40.2	44.4	53.1	4.1	5.5	6.1	7.3	23.5	27.1	24.6	24.6	78.8	58.9	53.4	44.7
BEML	С	HOLD	5,060	4,520	210.7	39.0	40.5	48.2	57.2	3.6	4.4	6.0	7.9	1.6	2.8	4.0	5.4	37.9	67.7	95.2	129.1	6.6	11.1	14.1	16.8	133.4	74.8	53.1	39.2
BHEL ¹	S	Reduce	316	264	1,101.7	233.6	238.9	324.1	419.5	9.5	6.1	21.9	55.4	6.2	2.6	12.1	36.8	1.8	0.7	3.5	10.6	2.5	1.0	4.8	13.3	176.5	423.9	90.8	29.9
Carborundum Universal	С	Acc	1,690	1,631	321.6	46.5	47.0	51.9	59.1	6.5	7.4	8.6	10.3	4.0	4.6	5.6	6.9	20.8	24.2	29.4	36.1	15.3	15.5	16.6	17.7	81.3	69.7	57.5	46.8
Engineers India	С	HOLD	268	264	150.7	33.3	32.8	38.5	46.1	3.1	3.0	4.5	6.1	3.5	4.5	4.9	6.1	6.2	7.9	8.7	10.9	18.6	21.1	20.4	22.7	43.5	33.8	30.8	24.6
GE T&D India ¹	S	Reduce	1,690	1,100	432.7	27.7	31.7	44.5	57.1	1.0	3.2	5.2	8.0	0.0	1.8	3.5	5.6	-0.1	7.1	13.7	22.0	-0.2	15.6	25.6	33.4	NA	239.0	123.6	76.8
Grindwell Norton	С	Acc	2,850	2,737	315.6	25.4	27.0	30.8	36.5	5.0	5.4	6.1	7.5	3.6	4.0	4.5	5.5	32.7	36.3	40.8	49.8	21.5	20.8	20.6	22.2	87.2	78.5	69.9	57.3
Harsha Engineers International	С	HOLD	572	436	52.1	13.6	13.9	15.3	17.1	1.9	1.7	2.1	2.6	1.2	1.1	1.4	1.8	13.5	12.2	15.3	19.8	15.5	9.9	11.2	13.0	42.2	46.7	37.3	28.8
Hindustan Aeronautio	s C	HOLD	5,552	4,515	3,713.0	269.3	298.3	334.9	374.1	66.8	91.9	87.7	100.0	46.3	72.1	67.1	75.5	69.2	107.8	100.3	112.9	21.6	27.4	21.3	20.6	80.3	51.5	55.4	49.2
KEC International	С	HOLD	903	754	232.0	172.8	199.1	228.7	258.6	8.3	12.1	17.5	24.4	1.8	3.5	7.9	12.9	6.8	13.5	30.8	50.3	4.8	8.8	17.8	24.1	131.8	66.9	29.3	18.0
Cummins India	S	HOLD	4,134	3,719	1,145.9	77.4	89.6	102.6	118.0	12.4	17.6	19.1	22.6	11.4	16.6	17.6	20.6	41.1	60.0	63.5	74.4	22.3	28.8	26.0	26.4	100.5	68.9	65.1	55.6
Kalpataru Projects International	S	HOLD	1,228	1,211	199.5	143.4	167.6	206.8	252.6	11.6	13.7	17.5	23.7	4.9	5.6	7.5	11.7	30.4	34.4	46.2	71.9	9.6	10.1	12.4	17.0	40.5	35.7	26.6	17.1
Larsen & Toubro	С	BUY	3,627	4,047	4,917.8	1833.4	2211.1	2538.7	2868.0	207.5	234.9	277.3	345.3	103.7	129.9	156.1	203.9	76.5	95.8	115.1	150.4	12.1	14.8	16.7	18.5	47.4	37.9	31.5	24.1
Praj Industries	С	BUY	733	815	134.8	35.3	34.7	41.3	50.9	3.1	3.7	4.5	5.8	2.4	2.8	3.4	4.4	13.0	15.4	18.7	24.0	24.1	24.1	24.7	26.6	56.2	47.6	39.2	30.6
Siemens#	С	Acc	7,884	7,030	2,806.6	161.4	195.5	230.0	270.1	17.6	24.9	31.6	38.2	12.6	19.4	25.2	31.1	35.4	54.6	70.9	87.3	11.5	15.7	17.7	18.7	222.4	144.5	111.2	90.3
Thermax ¹	С	Reduce	5,605	3,923	631.1	80.9	93.2	109.7	122.4	6.0	8.0	10.0	11.7	4.5	6.6	7.2	8.5	40.0	58.9	64.0	75.8	12.2	16.0	15.4	16.3	140.0	95.2	87.6	74.0
Triveni Turbine	С	HOLD	633	653	201.3	12.5	16.5	21.3	27.5	2.4	3.2	4.5	5.9	2.0	2.7	3.7	4.9	6.2	8.5	11.7	15.5	24.2	31.3	34.4	36.3	102.8	74.8	54.2	40.7
Voltamp Transformers	s¹ S	HOLD	13,220	10,041	133.7	13.9	16.2	19.0	21.9	2.3	3.2	3.2	3.8	2.0	3.1	2.9	3.4	197.6	303.8	289.9	334.7	19.5	25.0	20.2	20.1	66.9	43.5	45.6	39.5

Source: Company, PL

Some stocks have variation from our rating system concerning target prices and upsides given increased market volatility. Stocks in which we have a long-term positive outlook, the TP and rating has not been changed as well. We shall review the same at the time of results.

July 8, 2024

^{*} Y/e Dec / # Y/e Sep S=Standalone / C=Consolidated / Acc=Accumulate

¹Given the steep run up in stock price, we will review our rating post the Q1FY25 result.

Exhibit 11: Change in Estimates

	Rating		Rating Target Price			Sales								PA	T			EPS					
	Rai	ung	Ia	rget Price	,		FY25E			FY26E			FY25E			FY26E			FY25E			FY26E	
	С	Р	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.	С	Р	% Chng.
ABB India*	Acc	Acc	8,400	8,400	0.0%	1,31,374	1,31,374	0.0%	1,59,180	1,59,180	0.0%	16,988	16,988	0.0%	21,098	21,098	0.0%	80.2	80.2	0.0%	99.6	99.6	0.0%
Apar Industries	Acc	Acc	8,872	8,877	-0.1%	1,94,365	1,94,171	0.1%	2,28,543	2,28,314	0.1%	8,536	8,523	0.2%	10,779	10,764	0.1%	212.5	212.2	0.2%	268.3	268.0	0.1%
Bharat Electronics	HOLD	HOLD	290	290	0.0%	2,32,773	2,32,773	0.0%	2,70,702	2,70,702	0.0%	44,376	44,376	0.0%	53,050	53,050	0.0%	6.1	6.1	0.0%	7.3	7.3	0.0%
BEML	HOLD	HOLD	4,520	4,520	0.0%	48,247	48,247	0.0%	57,196	57,196	0.0%	3,966	3,966	0.0%	5,378	5,378	0.0%	95.2	95.2	0.0%	129.1	129.1	0.0%
BHEL	REDUCE	REDUCE	264	264	0.0%	3,24,109	3,24,109	0.0%	4,19,480	4,19,480	0.0%	12,133	12,133	0.0%	36,790	36,790	0.0%	3.5	3.5	0.0%	10.6	10.6	0.0%
Carborundum Universal	Acc	Acc	1,631	1,631	0.0%	51,943	51,943	0.0%	59,057	59,057	0.0%	5,592	5,592	0.0%	6,877	6,877	0.0%	29.4	29.4	0.0%	36.1	36.1	0.0%
Engineers India	HOLD	HOLD	264	264	0.0%	38,477	38,477	0.0%	46,086	46,086	0.0%	4,886	4,886	0.0%	6,119	6,119	0.0%	8.7	8.7	0.0%	10.9	10.9	0.0%
GE T&D India	REDUCE	REDUCE	1,100	1,100	0.0%	44,456	44,456	0.0%	57,088	57,088	0.0%	3,502	3,502	0.0%	5,631	5,631	0.0%	13.7	13.7	0.0%	22.0	22.0	0.0%
Grindwell Norton	Acc	Acc	2,737	2,749	-0.4%	30,798	30,798	0.0%	36,475	36,475	0.0%	4,514	4,518	-0.1%	5,511	5,534	-0.4%	40.8	40.8	-0.1%	49.8	50.0	-0.4%
Harsha Engineers International	HOLD	HOLD	436	436	0.0%	15,311	15,311	0.0%	17,098	17,098	0.0%	1,395	1,395	0.0%	1,806	1,806	0.0%	15.3	15.3	0.0%	19.8	19.8	0.0%
Hindustan Aeronautics	HOLD	HOLD	4,515	4,515	0.0%	3,34,871	3,34,871	0.0%	3,74,064	3,74,064	0.0%	67,059	67,059	0.0%	75,482	75,482	0.0%	100.3	100.3	0.0%	112.9	112.9	0.0%
KEC International	HOLD	HOLD	754	754	0.0%	2,28,664	2,28,664	0.0%	2,58,591	2,58,591	0.0%	7,923	7,923	0.0%	12,920	12,920	0.0%	30.8	30.8	0.0%	50.3	50.3	0.0%
Cummins India	HOLD	HOLD	3,719	3,719	0.0%	1,02,589	1,02,589	0.0%	1,17,980	1,17,980	0.0%	17,604	17,604	0.0%	20,616	20,616	0.0%	63.5	63.5	0.0%	74.4	74.4	0.0%
Kalpataru Projects International	HOLD	HOLD	1,211	1,211	0.0%	2,06,839	2,06,839	0.0%	2,52,639	2,52,639	0.0%	7,504	7,504	0.0%	11,677	11,677	0.0%	46.2	46.2	0.0%	71.9	71.9	0.0%
Larsen & Toubro	BUY	BUY	4,047	4,047	0.0%	25,38,706	25,38,706	0.0%	28,68,029	28,68,029	0.0%	1,56,054	1,56,054	0.0%	2,03,939	2,03,939	0.0%	115.1	115.1	0.0%	150.4	150.4	0.0%
Praj Industries	BUY	BUY	815	815	0.0%	41,268	41,268	0.0%	50,945	50,945	0.0%	3,438	3,438	0.0%	4,406	4,406	0.0%	18.7	18.7	0.0%	24.0	24.0	0.0%
Siemens#	Acc	Acc	7,030	7,030	0.0%	2,29,992	2,29,992	0.0%	2,70,093	2,70,093	0.0%	25,231	25,231	0.0%	31,075	31,075	0.0%	70.9	70.9	0.0%	87.3	87.3	0.0%
Thermax	REDUCE	REDUCE	3,923	3,923	0.0%	1,09,730	1,09,730	0.0%	1,22,361	1,22,361	0.0%	7,203	7,203	0.0%	8,531	8,531	0.0%	64.0	64.0	0.0%	75.8	75.8	0.0%
Triveni Turbine	HOLD	HOLD	653	653	0.0%	21,348	21,348	0.0%	27,468	27,468	0.0%	3,713	3,713	0.0%	4,939	4,939	0.0%	11.7	11.7	0.0%	15.5	15.5	0.0%
Voltamp Transformers	HOLD	HOLD	10,041	10,018	0.2%	19,035	18,997	0.2%	21,872	21,828	0.2%	2,933	2,926	0.2%	3,386	3,379	0.2%	289.9	289.2	0.2%	334.7	333.9	0.2%

Source: Company, PL * Y/e Dec / # Y/e Sep C=Current / P=Previous / Acc=Accumulate



Analyst Coverage Universe

Sr. No.	Company Name	Rating	TP (Rs)	Share Price (Rs)
1	ABB India	Accumulate	8,400	7,984
2	Apar Industries	Accumulate	8,877	8,340
3	BEML	Hold	4,520	4,549
4	Bharat Electronics	Hold	290	284
5	BHEL	Reduce	264	302
6	Carborundum Universal	Accumulate	1,631	1,516
7	Cummins India	Hold	3,719	3,597
8	Engineers India	Hold	264	251
9	GE T&D India	Reduce	1,100	1,430
10	Grindwell Norton	Accumulate	2,749	2,576
11	Harsha Engineers International	Hold	436	438
12	Hindustan Aeronautics	Hold	4,515	4,715
13	Kalpataru Projects International	Hold	1,211	1,188
14	KEC International	Hold	754	770
15	Larsen & Toubro	BUY	4,047	3,487
16	Praj Industries	BUY	815	700
17	Siemens	Accumulate	7,030	6,660
18	Thermax	Reduce	3,923	4,609
19	Triveni Turbine	Hold	653	631
20	Voltamp Transformers	Hold	10,018	9,985

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. Amit Anwani- MBA (Finance), Mr. Shirom Kapur- BSc, Passed CFA Level III, Mr. Prathmesh Salunkhe- 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. Amit Anwani- MBA (Finance), Mr. Shirom Kapur- BSc, Passed CFA Level III, Mr. Prathmesh Salunkhe- 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