

October 20, 2022

# Event Update

	Change in Estimates	🗹 Target	Reco
--	---------------------	----------	------

### **Change in Estimates**

	Cu	rrent	Pre	evious
	FY24E	FY25E	FY24E	FY25E
Rating	E	BUY	I	BUY
Target Price		125		98
Sales (Rs. m)	2,11,409	2,42,484	2,11,409	2,42,484
% Chng.	-	-		
EBITDA (Rs. r	n) 46,611	53,807	46,611	53,807
% Chng.	-	-		
EPS (Rs.)	4.7	5.4	4.7	5.4
% Chng.	-	-		

### Key Financials - Standalone

Y/e Mar	FY22	FY23E	FY24E	FY25E
Sales (Rs. m)	1,53,138	1,80,136	2,11,409	2,42,484
EBITDA (Rs. m)	33,092	39,522	46,611	53,807
Margin (%)	21.6	21.9	22.0	22.2
PAT (Rs. m)	23,489	28,629	34,240	39,724
EPS (Rs.)	3.2	3.9	4.7	5.4
Gr. (%)	13.7	21.9	19.6	16.0
DPS (Rs.)	1.5	1.9	2.2	2.6
Yield (%)	1.4	1.8	2.1	2.5
RoE (%)	20.6	22.5	23.8	24.4
RoCE (%)	25.7	27.6	29.2	30.0
EV/Sales (x)	4.6	3.8	3.2	2.7
EV/EBITDA (x)	21.1	17.3	14.5	12.4
PE (x)	33.0	27.0	22.6	19.5
P/BV (x)	6.5	5.7	5.1	4.5

Key Data	BAJE.BO   BHE IN
52-W High / Low	Rs.115 / Rs.61
Sensex / Nifty	59,107 / 17,512
Market Cap	Rs.774bn/ \$ 9,324m
Shares Outstanding	7,310m
3M Avg. Daily Value	Rs.2714.11m

### **Shareholding Pattern (%)**

Promoter's	51.14
Foreign	16.77
Domestic Institution	26.71
Public & Others	5.38
Promoter Pledge (Rs bn)	-

### Stock Performance (%)

	1M	6M	12M
Absolute	(4.2)	26.9	53.6
Relative	(4.1)	21.2	60.4

#### Amit Anwani

amitanwani@plindia.com | 91-22-66322250

Nilesh Soni

nileshsoni@plindia.com | 91-22-66322214

# **Bharat Electronics (BHE IN)**

### Rating: BUY | CMP: Rs106 | TP: Rs125

### Non-Defence diversification gathering pace

### **Quick Pointers:**

- BEL has signed an MoU with Triton Electric Vehicle (TEV) for manufacturing Hydrogen Fuel cells with technology transfer from TEV.
- BEL bagged order worth Rs80.6bn from Triton Electric Vehicle India Pvt Ltd. for supplying Li-Ion Battery Packs.

With the recent MoU in EV space, BEL is moving towards its strategy of diversifying into non-defence space (that accounts for ~10% of total revenue; management targets for 25% in long run) likely to be value accretive for the company in long run. We reiterate our positive stance on long term growth story of BEL given 1) its strong order backlog, 2) order pipeline and 3) diversification in newer business verticals like EV battery, medical equipments, hydrogen fuel cell, metro, focus on export markets, government focus on product indigenization etc. We expect BEL to report revenue and PAT CAGR of 16.6%/19.1% from FY22 to FY25E. The stock is currently trading at PE of 27.0x/22.6x/19.5x FY23/24/25E. We roll forward our TP to FY25E with revised TP of Rs125 (Rs98 earlier) valuing it at 23x FY25E EPS. Maintain 'Buy' rating.

**MoU signed for manufacturing of Hydrogen Fuel cell:** BEL recently signed a MoU with TEV for manufacturing hydrogen fuel cell and technology transfer from TEV, which will target domestic markets and mutually agreed export markets. The MoU aims at tapping demand for clean energy solutions for various applications including for E- Mobility, by leveraging Government of India's thrust for adoption of clean energy fuels for applications in transport, energy storage etc. We believe MoU is likely to benefit BEL in long run for tapping the opportunity arising from energy transition (such as use of hydrogen).

**Order for supply of battery packs for electrical vehicle:** Additionally, BEL has bagged an order from Triton Electric Vehicle India Pvt Ltd. for supply of 300 KW Li-Ion Battery Packs for its Semi-truck project in India at an estimated value of Rs80.6bn. The battery packs will be manufactured in Pune units and are expected to be delivered in 24 months commencing from Jan-23. TEV has handed purchase order for first-off quantity with 100% advance payment and BEL will deliver the first-off quantity by Nov-22.

**Triton Electric Vehicle (TEV):** TEV is an electric vehicle company headquartered in USA. The company has recently forayed into Hydrogen run vehicles and has started the journey of manufacturing Hydrogen-run Two-Wheelers, Three-Wheelers and Buses. Company has recently set up its R&D centre and manufacturing facility in India with best-in-class infrastructure. Triton Electric Vehicle India Pvt Ltd. is a part of Triton electric Vehicle LLS, USA.

### **Bharat Electronics**

## **Financials**

### Income Statement (Rs m)

Y/e Mar	FY22	FY23E	FY24E	FY25E
Net Revenues	1,53,138	1,80,136	2,11,409	2,42,484
YoY gr. (%)	8.9	17.6	17.4	14.7
Cost of Goods Sold	89,025	1,04,479	1,22,617	1,39,186
Gross Profit	64,113	75,657	88,792	1,03,298
Margin (%)	41.9	42.0	42.0	42.6
Employee Cost	21,094	22,571	24,143	27,643
Other Expenses	6,809	9,403	12,520	14,792
EBITDA	33,092	39,522	46,611	53,807
YoY gr. (%)	4.0	19.4	17.9	15.4
Margin (%)	21.6	21.9	22.0	22.2
Depreciation and Amortization	3,802	4,406	4,604	5,030
EBIT	29,291	35,116	42,008	48,778
Margin (%)	19.1	19.5	19.9	20.1
Net Interest	49	51	53	56
Other Income	2,336	3,107	3,700	4,243
Profit Before Tax	31,578	38,173	45,654	52,965
Margin (%)	20.6	21.2	21.6	21.8
Total Tax	8,089	9,543	11,413	13,241
Effective tax rate (%)	25.6	25.0	25.0	25.0
Profit after tax	23,489	28,629	34,240	39,724
Minority interest	-	-	-	-
Share Profit from Associate	-	-	-	-
Adjusted PAT	23,489	28,629	34,240	39,724
YoY gr. (%)	13.7	21.9	19.6	16.0
Margin (%)	15.3	15.9	16.2	16.4
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	23,489	28,629	34,240	39,724
YoY gr. (%)	13.7	21.9	19.6	16.0
Margin (%)	15.3	15.9	16.2	16.4
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	23,489	28,629	34,240	39,724
Equity Shares O/s (m)	7,310	7,310	7,310	7,310
EPS (Rs)	3.2	3.9	4.7	5.4

Source: Company Data, PL Research

### Balance Sheet Abstract (Rs m)

Y/e MarFY:Non-Current AssetsGross Block44,33Tangibles44,33Intangibles44,33Intangibles19,80Acc: Dep / Amortization19,80Tangibles19,80Intangibles24,55Tangibles24,55Intangibles24,55Intangibles9,23GoodwillNon-Current Investments15,86Net Deferred tax assets6,21Other Non-Current Assets6,77Current Assets1,02Investments1,02Investments1,02Cash & Bank Balance74,92Other Current Assets79,11Total Assets3,28,22	<b>53 51</b> 53 51 - <b>08 24</b> 08 24 - <b>45 27</b> 45 27 - - - - - - - - - - - - -	<b>,853</b> ,853 - ,214 - ,214 - ,639 - ,639 - ,281 - ,2337	<b>FY24E</b> <b>61,853</b> 61,853 - <b>28,817</b> - <b>33,036</b> 33,036 - 9,281 - 30,443	<b>FY25E</b> <b>71,853</b> 71,853 - <b>33,847</b> 33,847 - <b>38,006</b> 38,006 - 9,281
Gross Block       44,33         Tangibles       44,33         Intangibles       44,33         Acc: Dep / Amortization       19,80         Tangibles       19,80         Intangibles       19,80         Net fixed assets       24,50         Tangibles       24,50         Intangibles       24,50         Intangibles       24,50         Capital Work In Progress       9,20         Goodwill       9         Non-Current Investments       15,80         Net Deferred tax assets       6,20         Other Non-Current Assets       6,71         Current Assets       6,21         Investments       15,56         Investments       6,71         Current Assets       6,72         Other Non-Current Assets       6,71         Current Assets       6,72         Investments       10,02         Investments       61,02         Cash & Bank Balance       74,93         Other Current Assets       79,12	53 51 - 08 24 08 24 - 45 27 - 31 9 - 43 22 07 6	,853 - 9, <b>214</b> - 7, <b>639</b> - 9,281 -	61,853 - 28,817 28,817 - 33,036 33,036 - 9,281 -	71,853 - <b>33,847</b> 33,847 - <b>38,006</b> 38,006
Tangibles       44,33         Intangibles       19,84         Acc: Dep / Amortization       19,84         Tangibles       19,84         Intangibles       19,84         Intangibles       24,54         Net fixed assets       24,54         Tangibles       24,54         Intangibles       24,54         Intangibles       24,54         Capital Work In Progress       9,24         Goodwill       9         Non-Current Investments       15,84         Net Deferred tax assets       6,21         Other Non-Current Assets       6,77         Current Assets       6,77         Investments       15,86         Investments       15,86         Investments       6,77         Current Assets       6,77         Current Assets       6,77         Other Non-Current Assets       55,66         Trade receivables       61,03         Cash & Bank Balance       74,93         Other Current Assets       79,17	53 51 - 08 24 08 24 - 45 27 - 31 9 - 43 22 07 6	,853 - 9, <b>214</b> - 7, <b>639</b> - 9,281 -	61,853 - 28,817 28,817 - 33,036 33,036 - 9,281 -	71,853 - <b>33,847</b> 33,847 - <b>38,006</b> 38,006
Intangibles         Acc: Dep / Amortization       19,80         Tangibles       19,80         Intangibles       19,80         Net fixed assets       24,50         Tangibles       24,50         Tangibles       24,50         Intangibles       24,50         Intangibles       24,50         Intangibles       24,50         Capital Work In Progress       9,20         Goodwill       9         Non-Current Investments       15,80         Net Deferred tax assets       6,20         Other Non-Current Assets       6,70         Current Assets       6,70         Investments       15,560         Investments       55,60         Trade receivables       61,00         Cash & Bank Balance       74,99         Other Current Assets       79,11	- 24 08 24 - 45 27 45 27 - 31 9 - 43 22 07 6	,214 ,214 ,639 ,639 ,281	- 28,817 28,817 - 33,036 33,036 - 9,281 -	- 33,847 33,847 - 38,006 38,006 -
Acc: Dep / Amortization       19,84         Tangibles       19,84         Intangibles       19,84         Intangibles       24,54         Tangibles       24,54         Tangibles       24,54         Intangibles       24,54         Capital Work In Progress       9,27         Goodwill       9,27         Non-Current Investments       15,84         Net Deferred tax assets       6,27         Other Non-Current Assets       6,77         Current Assets       6,27         Investments       15,86         Investments       6,77         Current Assets       6,77         Current Assets       6,77         Current Assets       6,77         Investments       11,02         Investments       55,60         Trade receivables       61,02         Cash & Bank Balance       74,92         Other Current Assets       79,11	08 24 - <b>45 27</b> - 31 9 - 43 22 07 6	<b>7,639</b> 7,639 9,281	28,817 - <b>33,036</b> - 9,281 -	33,847 - <b>38,006</b> 38,006 -
Tangibles       19,80         Intangibles       24,50         Net fixed assets       24,50         Tangibles       24,50         Intangibles       24,50         Intangibles       24,50         Capital Work In Progress       9,20         Goodwill       9,20         Non-Current Investments       15,80         Net Deferred tax assets       6,20         Other Non-Current Assets       6,70         Current Assets       6,70         Investments       1         Investments       55,60         Trade receivables       61,00         Cash & Bank Balance       74,99         Other Current Assets       79,11	08 24 - <b>45 27</b> - 31 9 - 43 22 07 6	<b>7,639</b> 7,639 9,281	28,817 - <b>33,036</b> - 9,281 -	33,847 - <b>38,006</b> 38,006 -
Intangibles Net fixed assets Tangibles Capital Work In Progress Capital	- 45 27 - 31 9 - 43 22 07 6	7 <b>,639</b> 7,639 - 9,281	<b>33,036</b> 33,036 9,281	<b>38,006</b> 38,006
Net fixed assets       24,54         Tangibles       24,54         Intangibles       24,54         Intangibles       24,54         Capital Work In Progress       9,24         Goodwill       9,24         Non-Current Investments       15,84         Net Deferred tax assets       6,24         Other Non-Current Assets       6,77         Current Assets       6,77         Investments       15,84         Investments       6,77         Current Assets       6,77         Current Assets       6,77         Current Assets       6,77         Other Non-Current Assets       6,77         Other State       55,60         Trade receivables       51,03         Cash & Bank Balance       74,93         Other Current Assets       79,17	45 27 - 31 9 - 43 22 07 6	,639 - 9,281 -	33,036 - 9,281 -	38,006 -
Tangibles24,54Intangibles24,54Capital Work In Progress9,24Goodwill9,24Non-Current Investments15,84Net Deferred tax assets6,24Other Non-Current Assets6,77Current AssetsInvestments10,00Investments55,60Trade receivables61,00Cash & Bank Balance74,99Other Current Assets79,11	45 27 - 31 9 - 43 22 07 6	,639 - 9,281 -	33,036 - 9,281 -	38,006 -
Intangibles Capital Work In Progress Goodwill Non-Current Investments Net Deferred tax assets Other Non-Current Assets Investments Investments Investments Investments Investments S55,60 Trade receivables Cash & Bank Balance 74,99 Other Current Assets 79,11	- 31 9 - 43 22 07 6	- 0,281 -	9,281	-
Capital Work In Progress 9,24 Goodwill Non-Current Investments 15,84 Net Deferred tax assets 6,21 Other Non-Current Assets 6,77 Current Assets Investments Investments Investments 55,66 Trade receivables 61,03 Cash & Bank Balance 74,93 Other Current Assets 79,1	- 43 22 07 6	-	-	- 9,281 -
Goodwill       15,8         Non-Current Investments       15,8         Net Deferred tax assets       6,2         Other Non-Current Assets       6,7         Current Assets       6,7         Investments       1         Investments       55,60         Trade receivables       61,00         Cash & Bank Balance       74,99         Other Current Assets       79,11	- 43 22 07 6	-	-	9,281 -
Non-Current Investments       15,8-         Net Deferred tax assets       6,2-         Other Non-Current Assets       6,7-         Current Assets       10,2-         Investments       10,2-         Inventories       55,60         Trade receivables       61,02         Cash & Bank Balance       74,99         Other Current Assets       79,11	07 6	- 2,337	- 30,443	-
Net Deferred tax assets       6,24         Other Non-Current Assets       6,71         Current Assets       1         Investments       55,60         Trade receivables       61,03         Cash & Bank Balance       74,93         Other Current Assets       79,11	07 6	,337	30,443	
Other Non-Current Assets     6,7       Current Assets     Investments       Investments     55,60       Trade receivables     61,00       Cash & Bank Balance     74,99       Other Current Assets     79,11				34,918
Current AssetsInvestmentsInventories55,66Trade receivables61,02Cash & Bank Balance74,92Other Current Assets79,12	78 6	6,207	6,207	6,207
InvestmentsInventories55,60Trade receivables61,00Cash & Bank Balance74,90Other Current Assets79,10		6,845	6,976	7,275
Inventories55,60Trade receivables61,00Cash & Bank Balance74,90Other Current Assets79,10				
Trade receivables61,02Cash & Bank Balance74,92Other Current Assets79,12	-	-	-	-
Cash & Bank Balance74,99Other Current Assets79,1	<u>.</u> 64	,158	72,400	79,721
Other Current Assets 79,1	34 81	,431	92,672	1,02,973
,	<b>)</b> 1 89	,363	97,647	1,08,383
Total Assets 3,28,29	13 79	,260	82,449	87,294
	<b>∂2 3,81</b>	,702 4	,26,385	4,69,427
Equity				
Equity Share Capital 2,4	37 7	,310	7,310	7,310
Other Equity 1,17,4	)6 1,27	,420 1	,45,225	1,65,881
Total Networth 1,19,84	43 1,34	,730 1,	,52,535	1,73,191
Non-Current Liabilities				
Long Term borrowings	-	-	-	-
Provisions	-	-	-	-
Other non current liabilities	-	-	-	-
Current Liabilities				
ST Debt / Current of LT Debt	-	-	-	-
Trade payables 33,6	33 39	,482	45,178	49,826
Other current liabilities 1,80,99	94 2,13	8,697 2,	,34,879	2,52,617
Total Equity & Liabilities 3,28,29		,702 4	,26,385	4,69,427

Source: Company Data, PL Research

## **Bharat Electronics**

# P

	Cash Flow	(Rs m	)
--	-----------	-------	---

Y/e Mar	FY22	FY23E	FY24E	FY25E
PBT	31,578	38,173	45,654	52,965
Add. Depreciation	3,802	4,406	4,604	5,030
Add. Interest	49	51	53	56
Less Financial Other Income	2,336	3,107	3,700	4,243
Add. Other	(1,290)	-	-	-
Op. profit before WC changes	34,139	42,629	50,311	58,051
Net Changes-WC	15,498	8,652	3,856	(599)
Direct tax	(8,024)	(9,543)	(11,413)	(13,241)
Net cash from Op. activities	41,612	41,739	42,754	44,211
Capital expenditures	(5,461)	(13,574)	(17,981)	(14,351)
Interest / Dividend Income	1,778	-	-	-
Others	(44,923)	-	-	-
Net Cash from Invt. activities	(48,606)	(13,574)	(17,981)	(14,351)
Issue of share cap. / premium	-	-	-	-
Debt changes	-	-	-	-
Dividend paid	(10,233)	(13,742)	(16,435)	(19,067)
Interest paid	(18)	(51)	(53)	(56)
Others	(521)	-	-	-
Net cash from Fin. activities	(10,772)	(13,793)	(16,489)	(19,123)
Net change in cash	(17,766)	14,372	8,284	10,737
Free Cash Flow	36,077	34,239	32,754	34,211

Y/e Mar	FY22	FY23E	FY24E	FY25E
Per Share(Rs)				
EPS	3.2	3.9	4.7	5.4
CEPS	3.7	4.5	5.3	6.1
BVPS	16.4	18.4	20.9	23.7
FCF	4.9	4.7	4.5	4.7
DPS	1.5	1.9	2.2	2.6
Return Ratio(%)				
RoCE	25.7	27.6	29.2	30.0
ROIC	55.9	69.4	68.5	67.2
RoE	20.6	22.5	23.8	24.4
Balance Sheet				
Net Debt : Equity (x)	(0.6)	(0.7)	(0.6)	(0.6)
Net Working Capital (Days)	198	215	207	200
Valuation(x)				
PER	33.0	27.0	22.6	19.5
P/B	6.5	5.7	5.1	4.5
P/CEPS	28.4	23.4	19.9	17.3
EV/EBITDA	21.1	17.3	14.5	12.4
EV/Sales	4.6	3.8	3.2	2.7
Dividend Yield (%)	1.4	1.8	2.1	2.5

Source: Company Data, PL Research

### Quarterly Financials (Rs m)

Y/e Mar	Q2FY22	Q3FY22	Q4FY22	Q1FY23
Net Revenue	36,606	36,937	63,249	31,128
YoY gr. (%)	14.8	60.9	(8.4)	90.4
Raw Material Expenses	20,666	22,002	36,811	18,085
Gross Profit	15,939	14,935	26,439	13,043
Margin (%)	43.5	40.4	41.8	41.9
EBITDA	8,565	8,221	15,678	5,135
YoY gr. (%)	37.4	86.7	(20.4)	716.8
Margin (%)	23.4	22.3	24.8	16.5
Depreciation / Depletion	941	929	1,010	941
EBIT	7,623	7,292	14,668	4,194
Margin (%)	20.8	19.7	23.2	13.5
Net Interest	5	2	41	10
Other Income	659	593	638	1,597
Profit before Tax	8,277	7,883	15,266	5,781
Margin (%)	22.6	21.3	24.1	18.6
Total Tax	2,151	2,050	3,848	1,466
Effective tax rate (%)	26.0	26.0	25.2	25.4
Profit after Tax	6,126	5,834	11,418	4,315
Minority interest	-	-	-	-
Share Profit from Associates	-	-	-	-
Adjusted PAT	6,126	5,834	11,418	4,315
YoY gr. (%)	54.3	122.8	(15.6)	3,769.9
Margin (%)	16.7	15.8	18.1	13.9
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	6,126	5,834	11,418	4,315
YoY gr. (%)	54.3	122.8	(15.6)	3,769.9
Margin (%)	16.7	15.8	18.1	13.9
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	6,126	5,834	11,418	4,315
Avg. Shares O/s (m)	7,310	7,310	7,310	7,310
EPS (Rs)	0.8	0.8	1.6	0.6

### **Bharat Electronics**





(Rs)						
125						
99 -						wh
72				المهماليمس	www	/
46			who have have	~		
19	www	~~ <u>`</u>		<u> </u>		
Oct - 19	Apr - 20	Oct - 20	Apr - 21	Oct - 21	Apr - 22	Oct - 22

No.	Date	Rating	TP (Rs.) Share Pri	ce (Rs.)
1	04-Oct-22	BUY	98	102
2	21-Jul-22	BUY	295	269
3	18-Jul-22	BUY	285	246
4	05-Jul-22	BUY	265	230
5	24-May-22	BUY	265	232
6	08-Apr-22	BUY	258	234
7	01-Feb-22	BUY	265	210
8	11-Jan-22	BUY	245	211

### Analyst Coverage Universe

Sr. No.	Company Name	Rating	TP (Rs)	Share Price (Rs)
1	ABB India	Accumulate	3,115	3,100
2	Apar Industries	UR	-	1,445
3	Bharat Electronics	BUY	98	102
4	BHEL	Sell	36	62
5	Cummins India	Accumulate	1,296	1,214
6	Engineers India	BUY	89	65
7	GE T&D India	Hold	102	129
8	Kalpataru Power Transmission	BUY	442	419
9	KEC International	Accumulate	473	440
10	Larsen & Toubro	BUY	2,030	1,873
11	Praj Industries	BUY	507	415
12	Siemens	Accumulate	3,116	2,750
13	Thermax	Accumulate	2,190	2,199
14	Triveni Turbine	UR	-	268
15	Voltamp Transformers	Hold	2,748	2,616

### PL's Recommendation Nomenclature (Absolute Performance)

Buy	:	> 15%
Accumulate	:	5% to 15%
Hold	:	+5% to -5%
Reduce	:	-5% to -15%
Sell	:	< -15%
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. Nilesh Soni- BCom, 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. Nilesh Soni- BCom, 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