

BHEL (BHEL IN)

Rating: ACCUMULATE | CMP: Rs200 | TP: Rs226

January 29, 2025

Q3FY25 Result Update

☑ Change in Estimates | ☑ Target | ■ Reco

Change in Estimates

	Cu	rrent	Pre	evious
	FY26E	FY27E	FY26E	FY27E
Rating	ACCU	MULATE	ACCL	JMULATE
Target Price		226		260
Sales (Rs. m)	4,21,396	4,88,671	4,19,516	4,87,063
% Chng.	0.4	0.3		
EBITDA (Rs. m)	44,894	63,625	55,376	71,598
% Chng.	(18.9)	(11.1)		
EPS (Rs.)	8.2	12.3	10.4	14.1
% Chng.	(21.5)	(12.4)		

Key Financials - Standalone

Y/e Mar	FY24	FY25E	FY26E	FY27E
Sales (Rs. bn)	239	314	421	489
EBITDA (Rs. bn)	6	16	45	64
Margin (%)	2.6	5.0	10.7	13.0
PAT (Rs. bn)	3	7	28	43
EPS (Rs.)	0.7	2.1	8.2	12.3
Gr. (%)	(58.4)	182.6	287.3	51.1
DPS (Rs.)	0.3	0.2	0.8	1.2
Yield (%)	0.1	0.1	0.4	0.6
RoE (%)	1.0	2.9	10.6	14.2
RoCE (%)	1.1	3.9	11.7	16.0
EV/Sales (x)	3.0	2.3	1.7	1.4
EV/EBITDA (x)	118.0	45.8	15.8	11.0
PE (x)	267.8	94.8	24.5	16.2
P/BV (x)	2.8	2.7	2.5	2.2

Key Data	BHEL.BO BHEL IN
52-W High / Low	Rs.335 / Rs.184
Sensex / Nifty	76,533 / 23,163
Market Cap	Rs.696bn/ \$ 8,040m
Shares Outstanding	3,482m
3M Avg. Daily Value	Rs.3111.22m

Shareholding Pattern (%)

Promoter's	63.17
Foreign	7.98
Domestic Institution	15.49
Public & Others	13.36
Promoter Pledge (Rs bn)	-

Stock Performance (%)

	1M	6M	12M
Absolute	(15.1)	(38.1)	(9.7)
Relative	(12.7)	(34.2)	(15.1)

Amit Anwani

amitanwani@plindia.com | 91-22-66322250

Prathmesh Salunkhe

prathmeshsalunkhe@plindia.com | 91-22-66322324

Het Patel

hetpatel@plindia.com |

Decent execution; margins in focus

Quick Pointers:

- Order intake for 9MFY25 stood at ~Rs479bn (+33% YoY), comprising Rs394bn in Power, Rs83bn in Industry, and Rs1.5bn in Exports
- Higher other expenses of Rs9.1bn (vs -Rs1.8bn in Q3FY24) impacted margins

We revise our FY26/27E EPS estimate by -21.5%/-12.4% accounting for higher provisions amid execution pickup going forward. BHEL reported a healthy 32.2% YoY revenue growth in Q3FY25, driven by an execution ramp-up across both the Power and Industry segments. Despite higher other expenses, EBITDA margin expanded by 25 bps YoY to 4.2%. However, the Q3 provision numbers are still awaited. The company continues to benefit from the government's ~80 GW thermal capacity expansion target by FY28, having already secured ~13 GW in orders this fiscal year. However, the entry of L&T into the thermal power segment could pose a challenge to BHEL's order inflow in the medium term. Beyond thermal power, BHEL's strategic diversification into high-growth, nonthermal sectors is gaining momentum, with a major HVDC order strengthening its Industry segment. We believe, execution pace to be key monitorable amid strong order wins in last 12-18 months along with focus on operational efficiency.

We believe 1) large thermal power order pipeline, 2) diversification into railways, defence, green hydrogen, coal gasification, etc., and 3) growing spares & services business augurs well for BHEL in the long-term. However, execution pace and operational efficiency will be key monitorable. The stock is trading at a P/E of 24.5x/16.2x on FY26/27E earnings. We maintain 'Accumulate' and roll forward to Sep'26E with a revised TP of Rs226 (Rs260 earlier) valuing the stock at a P/E of 22x Sep'26E (25x FY26E earlier).

Healthy execution drives improved operating performance: Standalone revenue grew 32.2% YoY to Rs72.8bn (PLe: Rs75.8bn) driven by strong growth in both Power (+31.9% YoY to Rs55.6bn) and Industry segments (+33.4% YoY to Rs16.9bn). Gross margin increased by 1,021bps YoY to 37.0% (PLe: 34.5%). EBITDA came in at Rs3.0bn vs Rs2.2bn in Q3FY24 (PLe: Rs5.3bnn). EBITDA margin stood at 4.2% vs 3.9% in Q3FY24 (PLe: 6.0%) as improved gross margins were offset by higher other expenditure against a negative base in Q4FY24 due to reversal of provisions. Power segment EBIT margin stood at 11.2% (vs 9.4% in Q3FY24), while Industry EBIT margin came in at 6.2% (vs 1.6% in Q3FY24). PAT came in at Rs1.2bn vs Rs463mn in Q3FY24 (PLe: Rs3.0bn) driven by the improved operating performance, and higher other income (Rs1.2bn vs Rs1.0bn in Q3FY24).

Order book stands at ~Rs1.6trn (5.9x TTM revenue): Order intake for Q3FY25 stood at Rs68.6bn (vs Rs25.7bn in Q3FY24), with contribution from Power (16.6%), Industry (83.1%) and Exports (0.3%). Order book stands at ~Rs1.6trn (5.9x TTM revenue) comprising of Power (76%), Industry (22%) and Exports (2%). During the quarter, BHEL won the order for main plant package of 3*800 MW Telangana Stage-II supercritical thermal power plant in its power segment while in Industry segment, it received an order for +/- 800 kV 6GW Khavda-Nagpur LCC HVDC Terminal Stations and AC transmission systems among other orders.

January 29, 2025



Exhibit 1: Higher other expenses of Rs9.1bn against a lower base (-Rs1.8bn in Q3FY24 due to reversal of provisions) impacted margins

Rs mn	Q3FY25	Q3FY24	YoY gr.	Q3FY25E	Var. (%)	Q2FY25	QoQ gr.	9MFY25	9MFY24	YoY gr.
Revenue	72,771	55,038	32.2%	75,813	-4.0%	65,841	10.5%	193,461	156,325	23.8%
Gross Profit	26,929	14,745	82.6%	26,156	3.0%	21,540	25.0%	64,542	43,460	48.5%
Margin (%)	37.0	26.8	1021bps	34.5	251bps	32.7	429bps	33.4	27.8	556bps
Employee Cost	14,820	14,420	2.8%	14,784	0.2%	14,672	1.0%	43,841	41,442	5.8%
as % of sales	20.4	26.2	(583)bps	19.5	87bps	22.3	(192)bps	22.7	26.5	(385)bps
Other expenditure	9,066	(1,840)	-592.6%	6,065	49.5%	4,118	120.2%	16,603	3,171	423.6%
as % of sales	12.5	(3.3)	1580bps	8.0	446bps	6.3	620bps	8.6	2.0	655bps
EBITDA	3,042	2,165	-	5,307	-42.7%	2,750	10.6%	4,099	(1,153)	-
Margin (%)	4.2	3.9	25bps	7.0	(282)bps	4.2	0bps	2.1	(0.7)	286bps
Depreciation	679	606	12.0%	750	-9.5%	601	13.0%	1,869	1,805	3.6%
EBIT	2,364	1,559	-	4,557	-	2,149	10.0%	2,230	(2,958)	-
Margin (%)	3.2	2.8	41bps	6.0	(276)bps	3.3	(2)bps	1.2	(1.9)	304bps
Other Income	1,162	1,042	11.6%	1,400	-17.0%	1,184	-1.8%	3,446	4,230	-18.5%
Interest	1,838	1,896	-3.1%	1,850	-0.7%	2,014	-8.7%	5,469	5,380	1.7%
PBT (ex. Extra-ordinaries)	1,688	705	-	4,107	-	1,319	28.0%	207	(4,107)	-
Margin (%)	2.3	1.3	104bps	5.4	(310)bps	2.0	32bps	0.1	(2.6)	273bps
Extraordinary Items	-	-	-	-	-	-	-	-	-	-
PBT	1,688	705	139.5%	4,107	-58.9%	1,319	28.0%	207	(4,107)	-105.0%
Total Tax	441	242	-	1,129	-61.0%	353	24.9%	117	(1,863)	-106.3%
Effective Tax Rate (%)	26.1	34.3	-	27.5	-	26.7	-	-	-	-
Reported PAT	1,248	463	169.4%	2,978	-58.1%	967	29.1%	89	(2,245)	-104.0%
Adj. PAT	1,248	463	169.4%	2,978	-58.1%	967	29.1%	89	(2,245)	-104.0%
Adj. EPS	0.4	0.1	169.4%	0.9	-58.1%	0.3	29.1%	0.0	(0.6)	-104.0%
Source: Company, PL										

Exhibit 2: Healthy execution and margin improvement across both segments.

Segment Performance	Q3FY25	Q3FY24	YoY gr.	Q3FY25E	Var.	Q2FY25	QoQ gr.	9MFY25	9MFY24	YoY gr.
Revenue (Rs mn)										
Power	55,885	42,379	31.9%	60,472	-7.6%	50,283	11.1%	147,448	122,714	20.2%
Industry	16,886	12,659	33.4%	15,341	10.1%	15,558	8.5%	46,013	33,611	36.9%
Total	72,771	55,038	32.2%	75,813	-4.0%	65,841	10.5%	193,461	156,325	23.8%
EBIT (Rs mn)										
Power	6,246	3,978	57.0%	7,015	-11.0%	3,373	85.2%	9,079	5,111	77.6%
Industry	1,054	202	421.6%	844	24.9%	2,164	-51.3%	3,851	(321)	-
Total	7,300	4,180	74.6%	7,859	-7.1%	5,537	31.8%	12,930	4,791	169.9%
EBIT Margin (%)			bps chg.		bps chg.		bps chg.			bps chg.
Power	11.2	9.4	179	11.6	-42	6.7	447	6.2	4.2	199
Industry	6.2	1.6	464	5.5	74	13.9	-767	8.4	-1.0	932
Total	10.0	7.6	244	10.4	-33	8.4	162	6.7	3.1	362
Source: Company, PL										

January 29, 2025 2



Financials

Income Statemer	nt	(Rs m)
-----------------	----	--------

Income Statement (Rs m)				
Y/e Mar	FY24	FY25E	FY26E	FY27E
Net Revenues	2,38,928	3,13,516	4,21,396	4,88,671
YoY gr. (%)	2.3	31.2	34.4	16.0
Cost of Goods Sold	1,68,071	2,03,785	2,67,165	3,07,374
Gross Profit	70,857	1,09,731	1,54,231	1,81,297
Margin (%)	29.7	35.0	36.6	37.1
Employee Cost	56,288	58,314	61,102	63,527
Other Expenses	18,814	23,984	31,183	34,842
EBITDA	6,126	15,788	44,894	63,625
YoY gr. (%)	(35.7)	157.7	184.4	41.7
Margin (%)	2.6	5.0	10.7	13.0
Depreciation and Amortization	2,489	2,681	3,749	3,531
EBIT	3,637	13,106	41,146	60,094
Margin (%)	1.5	4.2	9.8	12.3
Net Interest	7,313	8,237	7,464	6,514
Other Income	5,879	5,330	6,953	7,819
Profit Before Tax	2,203	10,200	40,635	61,399
Margin (%)	0.9	3.3	9.6	12.6
Total Tax	(396)	2,856	12,191	18,420
Effective tax rate (%)	(18.0)	28.0	30.0	30.0
Profit after tax	2,599	7,344	28,445	42,980
Minority interest	-	-	-	-
Share Profit from Associate	-	-	-	-
Adjusted PAT	2,599	7,344	28,445	42,980
YoY gr. (%)	(58.4)	182.6	287.3	51.1
Margin (%)	1.1	2.3	6.8	8.8
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	2,599	7,344	28,445	42,980
YoY gr. (%)	(58.4)	182.6	287.3	51.1
Margin (%)	1.1	2.3	6.8	8.8
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	2,599	7,344	28,445	42,980
Equity Shares O/s (m)	3,482	3,482	3,482	3,482
EPS (Rs)	0.7	2.1	8.2	12.3

Source: Company Data, PL Research

Balance Sheet Abstract (Rs	m)			
Y/e Mar	FY24	FY25E	FY26E	FY27E
Non-Current Assets				
Gross Block	68,970	72,470	74,970	78,470
Tangibles	68,970	72,470	74,970	78,470
Intangibles	-	-	-	-
Acc: Dep / Amortization	43,863	46,544	50,293	53,824
Tangibles	43,863	46,544	50,293	53,824
Intangibles	-	-	-	-
Net fixed assets	25,107	25,926	24,677	24,646
Tangibles	25,107	25,926	24,677	24,646
Intangibles	-	-	-	-
Capital Work In Progress	3,717	3,999	3,999	3,999
Goodwill	-	-	-	-
Non-Current Investments	8,737	9,719	10,535	11,728
Net Deferred tax assets	42,013	42,013	42,013	42,013
Other Non-Current Assets	1,36,897	1,72,434	1,98,056	2,05,242
Current Assets				
Investments	-	-	-	-
Inventories	72,206	89,331	1,14,296	1,31,205
Trade receivables	80,101	94,484	1,17,760	1,33,882
Cash & Bank Balance	61,575	61,815	64,491	67,479
Other Current Assets	1,61,425	1,72,434	1,85,414	2,10,128
Total Assets	5,52,162	6,32,963	7,22,600	7,92,219
Equity				
Equity Share Capital	6,964	6,964	6,964	6,964
Other Equity	2,41,542	2,48,015	2,75,725	3,15,860
Total Networth	2,48,506	2,54,979	2,82,689	3,22,825
Non-Current Liabilities				
Long Term borrowings	88,329	88,329	78,329	68,329
Provisions	-	-	-	-
Other non current liabilities	-	-	-	-
Current Liabilities				
ST Debt / Current of LT Debt	236	236	236	236
Trade payables	1,09,890	1,41,726	1,89,339	2,16,889
Other current liabilities	1,47,214	1,89,706	2,14,019	2,25,953
Total Equity & Liabilities	5,52,162	6,32,963	7,22,600	7,92,219

Source: Company Data, PL Research

January 29, 2025



Cash Flow (Rs m)				
Y/e Mar	FY24	FY25E	FY26E	FY27E
PBT	2,203	10,200	40,635	61,399
Add. Depreciation	2,489	2,681	3,749	3,531
Add. Interest	7,313	8,237	7,464	6,514
Less Financial Other Income	5,879	5,330	6,953	7,819
Add. Other	(16,910)	-	-	-
Op. profit before WC changes	(4,905)	21,118	51,847	71,444
Net Changes-WC	(34,446)	(4,597)	(15,909)	(26,456)
Direct tax	2,222	(2,856)	(12,191)	(18,420)
Net cash from Op. activities	(37,129)	13,665	23,748	26,568
Capital expenditures	(2,236)	(3,782)	(2,500)	(3,500)
Interest / Dividend Income	3,993	-	-	-
Others	11,551	(535)	(374)	(722)
Net Cash from Invt. activities	13,309	(4,317)	(2,874)	(4,222)
Issue of share cap. / premium	(391)	-	(10,000)	(10,000)
Debt changes	34,230	-	-	-
Dividend paid	(1,395)	(871)	(734)	(2,844)
Interest paid	(5,888)	(8,237)	(7,464)	(6,514)
Others	(893)	-	-	-
Net cash from Fin. activities	25,664	(9,107)	(18,198)	(19,358)
Net change in cash	1,844	241	2,676	2,988
Free Cash Flow	(39,454)	9,883	21,248	23,068

Source: Company Data, PL Research

Quarterly Financials (Rs m)

Y/e Mar	Q4FY24	Q1FY25	Q2FY25	Q3FY25
Net Revenue	82,603	54,849	65,841	72,771
YoY gr. (%)	0.4	9.6	28.5	32.2
Raw Material Expenses	55,206	38,776	44,301	45,842
Gross Profit	27,397	16,074	21,540	26,929
Margin (%)	33.2	29.3	32.7	37.0
EBITDA	7,279	(1,694)	2,750	3,042
YoY gr. (%)	(30.6)	(4.9)	(278.9)	40.5
Margin (%)	8.8	(3.1)	4.2	4.2
Depreciation / Depletion	684	590	601	679
EBIT	6,595	(2,283)	2,149	2,364
Margin (%)	8.0	(4.2)	3.3	3.2
Net Interest	1,933	1,617	2,014	1,838
Other Income	1,649	1,100	1,184	1,162
Profit before Tax	6,311	(2,801)	1,319	1,688
Margin (%)	7.6	(5.1)	2.0	2.3
Total Tax	1,467	(676)	353	441
Effective tax rate (%)	23.2	24.1	26.7	26.1
Profit after Tax	4,844	(2,125)	967	1,248
Minority interest	-	-	-	-
Share Profit from Associates	-	-	-	-
Adjusted PAT	4,844	(2,125)	967	1,248
YoY gr. (%)	(24.9)	-	(265.8)	169.4
Margin (%)	5.9	(3.9)	1.5	1.7
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	4,844	(2,125)	967	1,248
YoY gr. (%)	(24.9)	-	(265.8)	169.4
Margin (%)	5.9	(3.9)	1.5	1.7
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	4,844	(2,125)	967	1,248
Avg. Shares O/s (m)	3,482	3,482	3,482	3,482
EPS (Rs)	1.4	(0.6)	0.3	0.4

Source: Company Data, PL Research

Kev	Finar	ncial	Metrics

Rey I mancial Metrics				
Y/e Mar	FY24	FY25E	FY26E	FY27E
Per Share(Rs)				
EPS	0.7	2.1	8.2	12.3
CEPS	1.5	2.9	9.2	13.4
BVPS	71.4	73.2	81.2	92.7
FCF	(11.3)	2.8	6.1	6.6
DPS	0.3	0.2	0.8	1.2
Return Ratio(%)				
RoCE	1.1	3.9	11.7	16.0
ROIC	1.7	3.4	10.0	13.6
RoE	1.0	2.9	10.6	14.2
Balance Sheet				
Net Debt : Equity (x)	0.1	0.1	0.0	-
Net Working Capital (Days)	65	49	37	36
Valuation(x)				
PER	267.8	94.8	24.5	16.2
P/B	2.8	2.7	2.5	2.2
P/CEPS	136.8	69.4	21.6	15.0
EV/EBITDA	118.0	45.8	15.8	11.0
EV/Sales	3.0	2.3	1.7	1.4
Dividend Yield (%)	0.1	0.1	0.4	0.6

Source: Company Data, PL Research

January 29, 2025





Analyst Coverage Universe

Sr. No.	Coverage Universe Company Name	Rating	TP (Rs)	Share Price (Rs)
	ABB India	Accumulate	8,133	6,657
1			·	
2	Apar Industries	Accumulate	8,219	7,179
3	BEML	Accumulate	4,332	3,733
4	Bharat Electronics	BUY	341	282
5	BHEL	Accumulate	260	221
6	Carborundum Universal	Accumulate	1,583	1,245
7	Cummins India	Accumulate	4,139	3,164
8	Elgi Equipments	Accumulate	607	548
9	Engineers India	BUY	247	182
10	GE Vernova T&D India	Accumulate	1,962	1,991
11	Grindwell Norton	BUY	2,511	1,850
12	Harsha Engineers International	Accumulate	561	493
13	Hindustan Aeronautics	Accumulate	4,692	4,110
14	Ingersoll-Rand (India)	BUY	4,467	3,800
15	Kalpataru Projects International	Accumulate	1,306	1,245
16	KEC International	Hold	997	1,049
17	Kirloskar Pneumatic Company	BUY	1,564	1,013
18	Larsen & Toubro	BUY	4,088	3,596
19	Praj Industries	BUY	804	800
20	Siemens	Accumulate	7,716	6,297
21	Thermax	Reduce	4,275	3,982
22	Triveni Turbine	BUY	800	739
23	Voltamp Transformers	BUY	12,531	9,682

PL's Recommendation Nomenclature (Absolute Performance)

 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

January 29, 2025 5

6



ANALYST CERTIFICATION

(Indian Clients)

We/l, Mr. Amit Anwani- MBA (Finance), Mr. Prathmesh Salunkhe- MBA Finance, Mr. Het Patel- CA 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. Prathmesh Salunkhe- MBA Finance, Mr. Het Patel- CA 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.