

June 4, 2020

# **Q4FY20 Result Update**

☑ Change in Estimates | ☑ Target | ■ Reco

## **Change in Estimates**

		rrent		vious	
	FY21E	FY22E	FY21E	FY22E	
Rating	Е	BUY	E	BUY	
Target Price		515	517		
Sales (Rs. m)	20,87,526	27,42,221	20,87,526	27,42,221	
% Chng.	-	-			
EBITDA (Rs. m)	1,12,561	1,56,279	1,12,561	1,56,156	
% Chng.	-	0.1			
EPS (Rs.)	26.9	48.6	29.2	48.8	
% Chng.	(8.0)	(0.6)			

#### **Key Financials - Standalone**

Y/e Mar	FY19	FY20	FY21E	FY22E
Sales (Rs. bn)	2,982	2,846	2,088	2,742
EBITDA (Rs. bn)	151	83	113	156
Margin (%)	5.1	2.9	5.4	5.7
PAT (Rs. bn)	85	37	53	96
EPS (Rs.)	43.4	18.6	26.9	48.6
Gr. (%)	(3.9)	(57.0)	44.3	80.6
DPS (Rs.)	21.0	18.2	11.6	18.2
Yield (%)	5.9	5.1	3.2	5.1
RoE (%)	22.6	9.2	12.4	20.5
RoCE (%)	15.1	5.5	9.0	14.0
EV/Sales (x)	0.4	0.3	0.4	0.3
EV/EBITDA (x)	7.1	11.0	7.7	5.4
PE (x)	8.2	19.2	13.3	7.4
P/BV (x)	1.8	1.7	1.6	1.4

Key Data	BPCL.BO   BPCL IN
52-W High / Low	Rs.550 / Rs.252
Sensex / Nifty	33,981 / 10,029
Market Cap	Rs.775bn/ \$ 10,254m
Shares Outstanding	2,169m
3M Avg. Daily Value	Rs.6873.64m

## **Shareholding Pattern (%)**

Promoter's	52.98
Foreign	12.28
Domestic Institution	19.61
Public & Others	15.13
Promoter Pledge (Rs bn)	-

#### Stock Performance (%)

	1M	6M	12M
Absolute	2.7	(28.7)	(12.5)
Relative	(4.2)	(14.3)	3.2

#### Avishek Datta

avishekdatta@plindia.com | 91-22-66322254

# Bharat Petroleum (BPCL IN)

Rating: BUY | CMP: Rs357 | TP: Rs515

# Resilient performance in a tough environment

#### **Quick Pointers:**

Lower than expected inventory loss and higher GRMs drive Q4 earnings beat.

**Corporation** 

- Healthy marketing margins due to benign crude prices, low operating cost due to weak spot LNG price to make up for weak GRMs.
- BPCL with a fully integrated operation remains a prized asset and we expect aggressive bidding by global majors when divestment process kicks in.

We marginally tweak our FY21/22 earnings estimates. During FY20, core EBIDTA adjusted for inventory loss was healthy at Rs130bn (+14%YoY) despite lower refining margins (\$2.5/bbl vs \$4.6/bbl in FY19). Sharp drop in crude oil prices dragged down reported FY20 PAT, however, with crude oil prices recovering, part of the losses will be reversed. Benign crude oil prices is likely to support marketing margins in medium term, and lower operating cost will compensate for weak GRMs. Maintain BUY with a revised PT of Rs515 (Rs 517 earlier) as BPCL remains our preferred divestment play.

- Better than expected results: BPCL reported higher than expected Q4FY20 results with standalone EBITDA of -Rs6.2bn (PLe -Rs24.2bn) and PAT of -Rs13.6bn (PLe -Rs29.4bn). Operating profits beat was due to 1) lower inventory losses of Rs38.2bn (PLe Rs65.4bn) and 2) higher refining profits from crude oil discounts and higher distillate yeild. EBIDTA adjusted for inventory and forex loss was at Rs44.1bn (Rs22.6bn in Q3).
- For FY20, standalone EBIDTA and PAT was at Rs66.3bn (-44%YoY) and Rs26.8bn (-62%YoY). However, adjusted for inventory and forex loss, EBIDTA was at Rs130bn (+ 14%YoY). Consolidated EBIDTA and PAT was at Rs83.5bn (-45%YoY) and Rs36.6bn (-57%YoY).
- Refining margins surprised positively: BPCL's refining margins for Q4FY20 came in at US\$0.8/bbl (Q3FY20 at US\$3.2/bbl) and included inventory loss of Rs25.6n or US\$5.8/bbl. So core GRMs of US\$6.5/bbl were healthy due to crude oil discounts. For FY20, GRMs were at USD2.5/bbl vs USD4.6/bbl.
- GRMs are likely to remain under pressure due to 1) weak demand in a Covid pandemic scenario and 2) new capacity addition.
- Adjusted marketing profitability remains healthy: BPCL's core Q4FY20 marketing EBIDTA was at Rs24.1bn against Rs17.4bn in Q3FY20 as margins expanded in a weak crude oil price environment. BPCL's marketing volumes vis-à-vis the industry run rate was mixed with HSD (-8.1% YoY vs -7.1% for industry), and MS (-0.5% YoY against industry rate of -1.2%YoY) respectively.
- Reiterate BUY: We maintain BUY on BPCL with a revised PT of Rs515 (Rs517) as we value based on 10x PER FY22E and add the value of investments and E&P.

June 4, 2020



Exhibit 1: Q4FY20 Result Overview (Rs mn)

Y/e March	Q4FY20	Q4FY19	YoY gr. (%)	Q3FY20	FY20	FY19	YoY gr. (%)
Net sales	8,12,962	8,39,417	(3.2)	8,53,683	32,75,808	33,74,953	(2.9)
Inc/dec in stock	-25,100	-15,285	64.2	32,887	-4,566	-17,031	(73.2)
Raw material cons	2,78,890	2,87,633	(3.0)	2,92,865	11,32,293	11,94,192	(5.2)
Staff cost	9,308	10,369	(10.2)	8,934	36,915	36,642	0.7
Purchases	3,75,453	3,67,655	2.1	3,43,350	14,31,643	14,69,741	(2.6)
Duties, taxes, etc	1,23,048	99,513	23.7	1,06,355	4,31,978	4,03,475	7.1
Other expenditure	57,552	41,483	38.7	42,259	1,81,153	1,69,564	6.8
Exp	-8,19,151	-7,91,367	3.5	-8,26,650	-32,09,415	-32,56,583	(1.4)
Operating profit	-6,189	48,050	(112.9)	27,034	66,393	1,18,370	(43.9)
Interest	-5,786	-3,526	64.1	-5,121	-21,819	-13,190	65.4
Depreciation	-9,474	-9,149	3.6	-9,731	-37,869	-31,893	18.7
Other income	11,567	10,576	9.4	5,148	30,813	31,109	(1.0)
Profit before tax	-9,881	45,951	(121.5)	17,330	37,518	1,04,396	(64.1)
Current tax	-7,079	-14,702	(51.9)	-4,724	-122	-33,076	(99.6)
Profit after tax	-2,802	31,249	(109.0)	12,606	37,640	71,320	(47.2)
Exceptional	-10,808	-		-	-10,808	-	
Reported PAT	-13,611	31,249	NA	12,606	26,831	71,320	(62.4)

Source: Company, PL

## **Exhibit 2: BPCL quarterly details**

	Q1FY19	Q2FY19	Q3FY19	Q4FY19	Q1FY20	Q2FY20	Q3FY20	Q4FY20
Refining thruput (MTPA)	7.85	7.74	7.57	7.49	7.45	7.66	8.41	8.39
GRMs (USD/bbl)	7	7	6	3	3	3.4	3.2	0.8
Inventory gains/loss (Rs m)								
Marketing	1,020	14,040	5,390	(20,410)	(1,270)	1,490	820	(12,570)
Refining	3,460	12,750	8,960	(12,920)	(3,250)	(1,750)	4,550	(25,65)
Forex gains/loss (Rs m)	(1,220)	(7,050)	(9,300)	6,590	310	(3,863)	(960)	(12,110)
Gross debt (Rs m)	233,510	196,830	239,550	227,670	306,470	317,560	301,340	478,190

Source: Company, PL

Exhibit 3: Adj FY20 EBIDTA is up 14%

(Rs m)	FY19	FY20
Actual EBIDTA	118,370	66,393
Inventory gains/loss	11,370	(47,180)
Forex loss	(7,010)	(16,623)
Adj EBIDTA	114,010	130,196

Source: Company, PL



## **Conference Call Highlights:**

- Q4FY20 and FY20 capex was at Rs47.8bn and Rs110.6bn. Due to ongoing Covid pandemic, BPCL has revised FY21 capex to Rs80bn vs Rs120bn earlier.
- Numaligarh refinery stake sale will be concluded along with BPCL divestment.
- BPCL average debt for Q4 was at Rs320bn vis-à-vis Rs260bn for Q4FY19.
- Receivables from government for FY20 end was at Rs48bn while it was at Rs54bn for April end.
- The company got crude oil discounts of USD5-8/bbl in April and May 2020 which was reversed to premium of USD2/bbl in June.
- Refinery operations were at 63% in April and increased to 77% by May end.
   Currently refinery operations are at 83% utilization.
- For FY20, the company sourced 24% of crude from Saudi, 17% from Iraq and ~15% from Abu Dhabi.
- Bina refinery and Numaligarh refinery Q4 GRMs were at USD2.5/bbl and USD2.9/bbl (USD17.0/bbl incl excise benefits).
- For FY20, Bina and Numaligarh GRMs were at USD5.6/bbl and USD8/bbl (USD24.5/bbl incl excise benefits).
- Profits for Bina and Numaligarh refinery was at –Rs8bn and Rs15.3bn respectively.



# **Financials**

Income Statement (	Rs m
--------------------	------

Y/e Mar	FY19	FY20	FY21E	FY22E
Net Revenues	29,82,256	28,45,719	20,87,526	27,42,221
YoY gr. (%)	26.5	(4.6)	(26.6)	31.4
Cost of Goods Sold	26,27,487	25,36,652	17,46,723	23,23,890
Gross Profit	3,54,769	3,09,067	3,40,803	4,18,331
Margin (%)	11.9	10.9	16.3	15.3
Employee Cost	-	-	-	-
Other Expenses	-	-	-	-
EBITDA	1,51,122	83,490	1,12,561	1,56,279
YoY gr. (%)	(0.4)	(44.8)	34.8	38.8
Margin (%)	5.1	2.9	5.4	5.7
Depreciation and Amortization	34,178	40,801	46,144	50,787
EBIT	1,16,945	42,689	66,417	1,05,492
Margin (%)	3.9	1.5	3.2	3.8
Net Interest	17,640	26,370	23,787	22,812
Other Income	20,375	19,293	31,924	50,276
Profit Before Tax	1,19,680	22,509	74,554	1,32,955
Margin (%)	4.0	0.8	3.6	4.8
Total Tax	43,775	(142)	19,161	30,475
Effective tax rate (%)	36.6	(0.6)	25.7	22.9
Profit after tax	75,905	22,651	55,393	1,02,480
Minority interest	(9,373)	(14,007)	2,499	6,973
Share Profit from Associate	-	-	-	-
Adjusted PAT	85,278	36,657	52,894	95,508
YoY gr. (%)	(12.9)	(57.0)	44.3	80.6
Margin (%)	2.9	1.3	2.5	3.5
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	85,278	36,657	52,894	95,508
YoY gr. (%)	(12.9)	(57.0)	44.3	80.6
Margin (%)	2.9	1.3	2.5	3.5
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	85,278	36,657	52,894	95,508
Equity Shares O/s (m)	1,967	1,967	1,967	1,967
EPS (Rs)	43.4	18.6	26.9	48.6

Source: Company Data, PL Research

**Balance Sheet Abstract (Rs m)** 

Y/e Mar	FY19	FY20	FY21E	FY22E
Non-Current Assets				
Gross Block	5,89,214	7,75,401	8,44,901	9,24,401
Tangibles	5,89,214	7,75,401	8,44,901	9,24,401
Intangibles	-	-	-	-
Acc: Dep / Amortization	99,504	1,68,917	2,18,835	2,73,518
Tangibles	99,504	1,68,917	2,18,835	2,73,518
Intangibles	-	-	-	-
Net fixed assets	4,89,710	6,06,484	6,26,067	6,50,883
Tangibles	4,89,710	6,06,484	6,26,067	6,50,883
Intangibles	-	-	-	-
Capital Work In Progress	1,36,545	23,617	24,566	25,610
Goodwill	3,438	2,289	2,289	2,289
Non-Current Investments	2,30,469	1,55,549	1,70,461	1,86,863
Net Deferred tax assets	(63,383)	(63,184)	(68,487)	(80,232)
Other Non-Current Assets	16,789	856	942	1,036
Current Assets				
Investments	57,991	63,790	70,169	77,186
Inventories	2,29,349	2,25,544	1,66,627	2,21,392
Trade receivables	69,063	76,272	55,776	74,914
Cash & Bank Balance	6,625	48,095	67,558	49,765
Other Current Assets	13,642	14,637	16,101	17,711
Total Assets	13,69,304	13,39,862	13,35,558	14,56,152
Equity				
Equity Share Capital	19,669	19,669	19,669	19,669
Other Equity	3,67,978	3,93,321	4,20,428	4,73,522
Total Networth	3,87,647	4,12,990	4,40,096	4,93,190
Non-Current Liabilities				
Long Term borrowings	3,43,156	2,47,260	2,14,870	1,87,437
Provisions	15,376	16,824	18,506	20,357
Other non current liabilities	2,840	3,124	3,437	3,780
Current Liabilities				
ST Debt / Current of LT Debt	85,990	77,959	82,174	86,811
Trade payables	1,73,847	1,69,836	1,26,947	1,67,713
Other current liabilities	2,71,260	3,20,858	3,52,960	3,88,258
Total Equity & Liabilities	13,69,304	13,59,902	13,40,089	14,56,418

Source: Company Data, PL Research

June 4, 2020



Cash Flow (Rs m)				
Y/e Mar	FY19	FY20	FY21E	FY22E
PBT	1,19,680	35,612	74,554	1,32,955
Add. Depreciation	34,178	40,801	46,144	50,787
Add. Interest	17,640	26,370	23,787	22,812
Less Financial Other Income	20,375	19,293	31,924	50,276
Add. Other	14,392	35,541	5,137	11,563
Op. profit before WC changes	1,85,890	1,38,324	1,49,622	2,18,117
Net Changes-WC	(16,219)	29,603	54,890	(12,948)
Direct tax	(28,126)	(3)	(13,339)	(23,187)
Net cash from Op. activities	1,41,545	1,67,924	1,91,173	1,81,983
Capital expenditures	(1,14,671)	24,028	(78,012)	(89,118)
Interest / Dividend Income	-	-	-	-
Others	(3,379)	(2,955)	(671)	(738)
Net Cash from Invt. activities	(1,18,050)	21,074	(78,683)	(89,856)
Issue of share cap. / premium	(20,061)	50,623	(27,459)	(25,792)
Debt changes	59,172	(1,03,926)	(28,175)	(22,797)
Dividend paid	(48,383)	(42,017)	(22,735)	(35,765)
Interest paid	(17,640)	(26,370)	(23,787)	(22,812)
Others	-	-	-	-
Net cash from Fin. activities	(26,911)	(1,21,690)	(1,02,156)	(1,07,167)
Net change in cash	(3,415)	67,308	10,334	(15,041)
Free Cash Flow	26,874	1,91,953	1,13,161	92,864

Source: Company Data, PL Research

## Quarterly Financials (Rs m)

,				
Y/e Mar	Q1FY20	Q2FY20	Q3FY20	Q4FY20
Net Revenue	7,63,180	6,43,408	7,47,328	6,89,914
YoY gr. (%)	6.4	(11.0)	(5.6)	(6.8)
Raw Material Expenses	6,92,816	5,68,210	6,69,101	6,29,243
Gross Profit	70,364	75,198	78,227	60,672
Margin (%)	9.2	11.7	10.5	8.8
EBITDA	21,799	23,749	27,034	(6,189)
YoY gr. (%)	(43.7)	(1.8)	266.6	(112.9)
Margin (%)	2.9	3.7	3.6	(0.9)
Depreciation / Depletion	9,141	9,523	9,731	9,474
EBIT	12,658	14,226	17,303	(15,663)
Margin (%)	1.7	2.2	2.3	(2.3)
Net Interest	4,524	6,388	5,121	5,786
Other Income	5,385	8,713	5,148	11,567
Profit before Tax	13,518	16,551	17,330	(20,689)
Margin (%)	1.8	2.6	2.3	(3.0)
Total Tax	2,767	533	4,724	(7,079)
Effective tax rate (%)	20.5	3.2	27.3	34.2
Profit after Tax	10,751	16,018	12,606	(13,611)
Minority interest	-	-	-	-
Share Profit from Associates	-	-	-	-
Adjusted PAT	10,751	16,018	12,606	(24,419)
YoY gr. (%)	(53.1)	31.4	154.6	(178.1)
Margin (%)	1.4	2.5	1.7	(3.5)
Extra Ord. Income / (Exp)	-	-	-	10,808
Reported PAT	10,751	16,018	12,606	(13,611)
YoY gr. (%)	(53.1)	31.4	154.6	(143.6)
Margin (%)	1.4	2.5	1.7	(2.0)
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	10,751	16,018	12,606	(13,611)
Avg. Shares O/s (m)	-	-	-	-
EPS (Rs)	-	-	-	-

Source: Company Data, PL Research

<b>Key Financial Metrics</b>				
Y/e Mar	FY19	FY20	FY21E	FY22E
Per Share(Rs)				
EPS	43.4	18.6	26.9	48.6
CEPS	60.7	39.4	50.4	74.4
BVPS	197.1	210.0	223.8	250.7
FCF	13.7	97.6	57.5	47.2
DPS	21.0	18.2	11.6	18.2
Return Ratio(%)				
RoCE	15.1	5.5	9.0	14.0
ROIC	9.0	3.5	5.5	7.9
RoE	22.6	9.2	12.4	20.5
Balance Sheet				
Net Debt : Equity (x)	0.9	0.5	0.4	0.3
Net Working Capital (Days)	15	17	17	17
Valuation(x)				
PER	8.2	19.2	13.3	7.4
P/B	1.8	1.7	1.6	1.4
P/CEPS	5.9	9.1	7.1	4.8
EV/EBITDA	7.1	11.0	7.7	5.4

Source: Company Data, PL Research

## **Key Operating Metrics**

EV/Sales

Dividend Yield (%)

Y/e Mar	FY19	FY20	FY21E	FY22E
Crude /bbl	70	61	45	55
US\$/Rs	70	71	74	77
GRM (US\$/bbl)	5	6	3	5
Refining volume (MTPA)	30	31	29	30

0.4

5.9

0.3

5.1

0.4

3.2

0.3

5.1

Source: Company Data, PL Research





## **Analyst Coverage Universe**

Sr. No.	Company Name	Rating	TP (Rs)	Share Price (Rs)
1	Aarti Industries	Accumulate	992	1,010
2	Bharat Petroleum Corporation	BUY	517	342
3	GAIL (India)	BUY	115	86
4	Hindustan Petroleum Corporation	BUY	280	200
5	Indian Oil Corporation	BUY	133	82
6	Indraprastha Gas	BUY	601	436
7	Mahanagar Gas	BUY	1,289	891
8	NOCIL	BUY	96	72
9	Oil & Natural Gas Corporation	BUY	115	74
10	Oil India	Accumulate	117	89
11	Petronet LNG	BUY	378	215
12	Reliance Industries	BUY	1,601	1,409

## 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



## **ANALYST CERTIFICATION**

### (Indian Clients)

We/l, Mr. Avishek Datta- MBA 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 in the process of applying for certificate of registration as Research Analyst under Securities and Exchange Board of India (Research Analysts) Regulations, 2014

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. Avishek Datta- MBA 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