

November 11, 2020

Q2FY21 Result Update

☑ Change in Estimates | ■ Target | ■ Reco

Change in Estimates

| | Cu | rrent | Pre | vious |
|---------------|-----------|----------|----------|----------|
| | FY22E | FY23E | FY22E | FY23E |
| Rating | ACCU | MULATE | ACCU | MULATE |
| Target Price | | 98 | | 98 |
| Sales (Rs. m) | 1,25,305 | 1,32,756 | 1,22,060 | 1,33,240 |
| % Chng. | 2.7 | (0.4) | | |
| EBITDA (Rs. n | n) 45,882 | 45,965 | 43,806 | 45,497 |
| % Chng. | 4.7 | 1.0 | | |
| EPS (Rs.) | 11.1 | 10.9 | 10.4 | 10.5 |
| % Chng. | 6.9 | 3.2 | | |

Key Financials - Standalone

| Y/e Mar | FY20 | FY21E | FY22E | FY23E |
|----------------|----------|----------|----------|----------|
| Sales (Rs. m) | 1,16,992 | 1,09,791 | 1,25,305 | 1,32,756 |
| EBITDA (Rs. m) | 60,104 | 52,760 | 45,882 | 45,965 |
| Margin (%) | 51.4 | 48.1 | 36.6 | 34.6 |
| PAT (Rs. m) | 36,109 | 38,424 | 32,454 | 31,876 |
| EPS (Rs.) | 11.8 | 13.1 | 11.1 | 10.9 |
| Gr. (%) | (22.2) | 11.2 | (15.5) | (1.8) |
| DPS (Rs.) | 5.3 | 5.5 | 5.0 | 5.0 |
| Yield (%) | 5.8 | 6.1 | 5.5 | 5.5 |
| RoE (%) | 13.5 | 13.8 | 11.2 | 10.4 |
| RoCE (%) | 21.0 | 17.4 | 14.4 | 13.5 |
| EV/Sales (x) | 2.2 | 2.3 | 2.2 | 2.1 |
| EV/EBITDA (x) | 4.3 | 4.9 | 5.9 | 6.1 |
| PE (x) | 7.7 | 6.9 | 8.2 | 8.3 |
| P/BV (x) | 1.0 | 0.9 | 0.9 | 0.8 |
| | | | | |

| Key Data | NMDC.BO NMDC IN |
|---------------------|---------------------|
| 52-W High / Low | Rs.140 / Rs.62 |
| Sensex / Nifty | 43,594 / 12,749 |
| Market Cap | Rs.278bn/ \$ 3,736m |
| Shares Outstanding | 3,062m |
| 3M Avg. Daily Value | Rs.1614.38m |

Shareholding Pattern (%)

| Promoter's | 69.65 |
|-------------------------|-------|
| Foreign | 4.45 |
| Domestic Institution | 20.44 |
| Public & Others | 5.46 |
| Promoter Pledge (Rs bn) | - |

Stock Performance (%)

| | 1M | 6M | 12M |
|----------|------|-------|--------|
| Absolute | 11.3 | 25.3 | (12.4) |
| Relative | 3.4 | (9.3) | (19.0) |

Kamlesh Bagmar

kamleshbagmar@plindia.com | 91-22-66322237

Amit Khimesra

amitkhimesra@plindia.com | 91-22-66322244

NMDC (NMDC IN)

Rating: ACCUMULATE | CMP: Rs91 | TP: Rs98

Premium on lease renewal holds the key

Quick Pointers:

- Waiting for amendment in act for clarity on payment of premium on lease renewal
- Process underway for divestment of steel plant

NMDC reported Q2FY21 EBITDA missed our estimates by 5% while it is 4% above consensus estimates. Miss was largely due to lower than expected realisations, partially offset by lower costs.

Unlike past, NMDC has been forthcoming this time in undertaking price hikes in tandem with strong global prices and shortage in domestic market. However, clarity regarding premium on lease renewal would hold the key for stock. On the back of stable outlook on global iron ore prices and value unlocking with the demerger of steel plant, we maintain Accumulate rating with TP of Rs98 based on 1) EV/EBITDA of 4x FY22e for iron ore operations (factoring 22% premium on entire iron ore operations) and 2) EV/T of US\$475 for steel plant.

- Lower realisations led the marginal miss in earnings: Volumes rose 14% YoY at 6.6mt (PLe:6.5mt) on the back of 20% growth in Chhattisgarh mines' volumes at 4.8mnt and flat volumes in Karnataka operations. Realisations fell 12%/Rs460/t YoY (↑8%/Rs255 QoQ) at Rs3,320/t (PLe:Rs3,500). Lower realisations were partially offset by lower costs. Cost fell 10% YoY/Rs200 at Rs1,760/t below our estimates of Rs1,835 largely due to lower than expected SG&A expenses. Impacted by lower than expected margins, EBITDA fall short our estimates by 5% at Rs10.3bn (PLe:Rs10.8bn), down 3% YoY (+36% QoQ). PBT came in line with estimate at Rs10.6bn due to sharp fall in depreciation. Aided by lower tax rate, PAT rose 10% YoY at Rs7.7bn (PLe:Rs7.8bn).
- Key earnings call Highlights: 1) It would 9-12 months for divestment of plant 2) Raised Rs5.2bn through NCD to fund capex of steel plant as part of plan to fund the remaining capex of Rs52bn through debt 3) Spent Rs173.8bn on steel plant till Q2FY21 4) Waiting for amendment in the act for clarity on payment of premium on renewal of mine leases 5) All the allocated minerals are likely to attract premium on prospective basis under the amended act 6) It would take six months for increase in mining capacity of Kumaraswamy mines from 7mnt to 10mnt

Exhibit 1: Q2FY21 Result Overview (Rs mn)

| Y/e March | Q2FY21 | Q2FY20 | YoY gr. (%) | Q1FY20 | H1FY21 | H1FY20 | YoY gr. (%) |
|-------------------------------------|--------|--------|-------------|--------|--------|--------|-------------|
| Net Sales | 22,299 | 22,418 | (0.5) | 19,375 | 41,674 | 55,055 | (24.3) |
| Stores and spares consumed | 1,066 | 1,197 | (11.0) | (38) | 1,028 | 1,662 | (38.2) |
| % of Net Sales | 4.8 | 5.3 | | -0.2 | 2.5 | 3.0 | |
| Employee Cost | 2,672 | 2,451 | 9.0 | 2,537 | 5,208 | 4,982 | 4.5 |
| % of Net Sales | 12.0 | 10.9 | | 13.1 | 12.5 | 9.0 | |
| Selling, general and administrative | 1,249 | 1,150 | 8.7 | 1,197 | 2,447 | 3,051 | (19.8) |
| % of Net Sales | 5.6 | 5.1 | | 6.2 | 5.9 | 5.5 | |
| Royalty and cess | 3,801 | 3,508 | 8.4 | 4,210 | 8,012 | 9,325 | (14.1) |
| % of Net Sales | 17.0 | 15.6 | | 21.7 | 19.2 | 16.9 | |
| Other expenses | 3,209 | 3,510 | (8.6) | 3,920 | 7,129 | 6,765 | 5.4 |
| % of Net Sales | 14.4 | 15.7 | | 20.2 | 17.1 | 12.3 | |
| Total Expenditure | 11,997 | 11,816 | 1.5 | 11,826 | 23,823 | 25,785 | (7.6) |
| EBITDA | 10,302 | 10,602 | (2.8) | 7,549 | 17,851 | 29,270 | (39.0) |
| Margin (%) | 46.2 | 47.3 | | 39.0 | 42.8 | 53.2 | |
| Depreciation | 534 | 976 | (45.3) | 573 | 1,107 | 1,623 | (31.8) |
| Other income | 884 | 1,275 | (30.7) | 717 | 1,601 | 2,504 | (36.1) |
| EBIT | 10,651 | 10,902 | (2.3) | 7,693 | 18,344 | 30,151 | (39.2) |
| Interest | 17 | 97 | (82.3) | 93 | 110 | 215 | |
| РВТ | 10,634 | 10,805 | (1.6) | 7,600 | 18,234 | 29,936 | (39.1) |
| Extraordinary income/(expense) | - | - | | - | - | - | |
| PBT (After EO) | 10,634 | 10,805 | (1.6) | 7,600 | 18,234 | 29,936 | (39.1) |
| Тах | 2,892 | 3,771 | (23.3) | 2,267 | 5,159 | 11,108 | (53.6) |
| % PBT | 27.2 | 34.9 | | 29.8 | 28.3 | 37.1 | |
| Reported PAT | 7,742 | 7,034 | 10.1 | 5,333 | 13,075 | 18,828 | (30.6) |
| Adjusted PAT | 7,742 | 7,034 | 10.1 | 5,333 | 13,075 | 18,828 | (30.6) |

Source: Company, PL

Exhibit 2: Operating Metrics

| Y/e March | Q2FY21 | Q2FY20 | YoY gr. (%) | Q1FY20 | H1FY21 | H1FY20 | YoY gr. (%) |
|------------------------------------|--------|--------|-------------|--------|--------|--------|-------------|
| Iron ore production (mn tonnes) | 5.6 | 5.0 | 12.6 | 6.6 | 12.2 | 13.4 | (8.9) |
| Iron ore sales volumes (mn tonnes) | 6.6 | 5.8 | 13.5 | 6.3 | 12.9 | 14.5 | (11.1) |
| Realisation (Rs/t) | 3,320 | 3,780 | (12.2) | 3,064 | 3,195 | 3,735 | (14.4) |
| EBITDA (Rs/t) | 1,560 | 1,823 | (14.4) | 1,203 | 1,386 | 2,021 | (31.4) |
| Cost (Rs/t) | 1,760 | 1,957 | -10.1 | 1,861 | 1,809 | 1,714 | 5.5 |

Source: Company, PL

FY23E

FY21E

FY22E

Financials

Income Statement (Rs m)

| Y/e Mar | FY20 | FY21E | FY22E | FY23E |
|-------------------------------|----------|----------|----------|----------|
| Net Revenues | 1,16,992 | 1,09,791 | 1,25,305 | 1,32,756 |
| YoY gr. (%) | (3.7) | (6.2) | 14.1 | 5.9 |
| Cost of Goods Sold | 2,258 | 2,808 | 3,643 | 3,937 |
| Gross Profit | 1,14,734 | 1,06,983 | 1,21,662 | 1,28,819 |
| Margin (%) | 98.1 | 97.4 | 97.1 | 97.0 |
| Employee Cost | 10,468 | 10,885 | 11,419 | 11,969 |
| Other Expenses | 37,138 | 36,560 | 56,449 | 62,297 |
| EBITDA | 60,104 | 52,760 | 45,882 | 45,965 |
| YoY gr. (%) | (13.3) | (12.2) | (13.0) | 0.2 |
| Margin (%) | 51.4 | 48.1 | 36.6 | 34.6 |
| Depreciation and Amortization | 2,944 | 3,298 | 3,448 | 3,598 |
| EBIT | 57,160 | 49,461 | 42,434 | 42,368 |
| Margin (%) | 48.9 | 45.1 | 33.9 | 31.9 |
| Net Interest | 99 | 439 | 501 | 531 |
| Other Income | 5,138 | 3,758 | 2,647 | 1,950 |
| Profit Before Tax | 61,235 | 52,780 | 44,580 | 43,786 |
| Margin (%) | 52.3 | 48.1 | 35.6 | 33.0 |
| Total Tax | 25,126 | 14,356 | 12,126 | 11,910 |
| Effective tax rate (%) | 41.0 | 27.2 | 27.2 | 27.2 |
| Profit after tax | 36,109 | 38,424 | 32,454 | 31,876 |
| Minority interest | - | - | - | - |
| Share Profit from Associate | - | - | - | - |
| Adjusted PAT | 36,109 | 38,424 | 32,454 | 31,876 |
| YoY gr. (%) | (22.2) | 6.4 | (15.5) | (1.8) |
| Margin (%) | 30.9 | 35.0 | 25.9 | 24.0 |
| Extra Ord. Income / (Exp) | - | - | - | - |
| Reported PAT | 36,109 | 38,424 | 32,454 | 31,876 |
| YoY gr. (%) | (22.2) | 6.4 | (15.5) | (1.8) |
| Margin (%) | 30.9 | 35.0 | 25.9 | 24.0 |
| Other Comprehensive Income | - | - | - | - |
| Total Comprehensive Income | 36,109 | 38,424 | 32,454 | 31,876 |
| Equity Shares O/s (m) | 3,062 | 2,931 | 2,931 | 2,931 |
| EPS (Rs) | 11.8 | 13.1 | 11.1 | 10.9 |

| Balance Sheet Abstract (Rs m) | |
|-------------------------------|------|
| Y/e Mar | FY20 |

| Non-Current Assets | | | | |
|-------------------------------|----------|----------|----------|----------|
| Gross Block | 50,796 | 46,844 | 48,894 | 50,944 |
| Tangibles | 50,796 | 46,844 | 48,894 | 50,944 |
| Intangibles | - | - | - | - |
| Acc: Dep / Amortization | 12,701 | 17,925 | 21,373 | 24,971 |
| Tangibles | 12,701 | 17,925 | 21,373 | 24,971 |
| Intangibles | - | - | - | - |
| Net fixed assets | 38,095 | 28,919 | 27,521 | 25,974 |
| Tangibles | 38,095 | 28,919 | 27,521 | 25,974 |
| Intangibles | - | - | - | - |
| Capital Work In Progress | 1,55,299 | 1,84,218 | 2,16,310 | 2,44,178 |
| Goodwill | - | - | - | - |
| Non-Current Investments | 11,345 | 18,569 | 18,621 | 18,672 |
| Net Deferred tax assets | 3,971 | 2,915 | 2,023 | 1,148 |
| Other Non-Current Assets | 30,755 | 27,126 | 27,726 | 28,326 |
| Current Assets | | | | |
| Investments | - | - | - | - |
| Inventories | 7,235 | 6,904 | 7,865 | 8,352 |
| Trade receivables | 22,237 | 14,137 | 16,135 | 17,095 |
| Cash & Bank Balance | 24,375 | 14,916 | 1,601 | (7,541) |
| Other Current Assets | 15,973 | 15,906 | 15,906 | 15,906 |
| Total Assets | 3,12,944 | 3,17,356 | 3,37,484 | 3,55,914 |
| Equity | | | | |
| Equity Share Capital | 3,062 | 2,931 | 2,931 | 2,931 |
| Other Equity | 2,73,749 | 2,77,723 | 2,95,524 | 3,12,747 |
| Total Networth | 2,76,811 | 2,80,654 | 2,98,455 | 3,15,678 |
| Non-Current Liabilities | | | | |
| Long Term borrowings | 5,714 | 5,656 | 5,656 | 5,656 |
| Provisions | 8,280 | 8,829 | 9,429 | 10,029 |
| Other non current liabilities | - | - | - | - |
| Current Liabilities | | | | |
| ST Debt / Current of LT Debt | - | - | - | - |
| Trade payables | 2,259 | 2,188 | 3,046 | 3,329 |
| Other current liabilities | 19,881 | 20,030 | 20,899 | 21,222 |
| Total Equity & Liabilities | 3,12,944 | 3,17,356 | 3,37,484 | 3,55,914 |

Source: Company Data, PL Research

Source: Company Data, PL Research

P

Cash Flow (Rs m)

| Y/e Mar | FY20 | FY21E | FY22E | FY23E |
|--------------------------------|----------|----------|----------|----------|
| РВТ | 61,140 | 52,780 | 44,580 | 43,786 |
| Add. Depreciation | 2,949 | 3,298 | 3,448 | 3,598 |
| Add. Interest | 99 | (2,702) | (1,559) | (829) |
| Less Financial Other Income | 5,138 | 3,758 | 2,647 | 1,950 |
| Add. Other | 739 | 1,848 | 2,397 | 2,972 |
| Op. profit before WC changes | 64,927 | 55,225 | 48,865 | 49,526 |
| Net Changes-WC | (20,872) | 6,561 | (3,710) | (3,893) |
| Direct tax | (22,796) | (13,301) | (11,234) | (11,034) |
| Net cash from Op. activities | 21,260 | 48,485 | 33,921 | 34,599 |
| Capital expenditures | (24,035) | (27,085) | (34,142) | (29,918) |
| Interest / Dividend Income | 4,065 | 2,702 | 1,559 | 829 |
| Others | 16,843 | - | - | - |
| Net Cash from Invt. activities | (3,128) | (24,383) | (32,583) | (29,088) |
| Issue of share cap. / premium | - | (13,781) | - | - |
| Debt changes | 2,091 | - | - | - |
| Dividend paid | (19,525) | (19,329) | (14,653) | (14,653) |
| Interest paid | (99) | - | - | - |
| Others | - | - | - | - |
| Net cash from Fin. activities | (17,533) | (33,110) | (14,653) | (14,653) |
| Net change in cash | 599 | (9,008) | (13,314) | (9,143) |
| Free Cash Flow | (2,775) | 21,400 | (221) | 4,681 |

| Key Financial Metrics | | | | |
|----------------------------|-------|-------|-------|-------|
| Y/e Mar | FY20 | FY21E | FY22E | FY23E |
| Per Share(Rs) | | | | |
| EPS | 11.8 | 13.1 | 11.1 | 10.9 |
| CEPS | 12.8 | 14.2 | 12.3 | 12.1 |
| BVPS | 90.4 | 95.8 | 101.8 | 107.7 |
| FCF | (0.9) | 7.3 | (0.1) | 1.6 |
| DPS | 5.3 | 5.5 | 5.0 | 5.0 |
| Return Ratio(%) | | | | |
| RoCE | 21.0 | 17.4 | 14.4 | 13.5 |
| ROIC | 13.6 | 13.4 | 10.5 | 9.6 |
| RoE | 13.5 | 13.8 | 11.2 | 10.4 |
| Balance Sheet | | | | |
| Net Debt : Equity (x) | (0.1) | 0.0 | 0.0 | 0.0 |
| Net Working Capital (Days) | 85 | 63 | 61 | 61 |
| Valuation(x) | | | | |
| PER | 7.7 | 6.9 | 8.2 | 8.3 |
| P/B | 1.0 | 0.9 | 0.9 | 0.8 |
| P/CEPS | 7.1 | 6.4 | 7.4 | 7.5 |
| EV/EBITDA | 4.3 | 4.9 | 5.9 | 6.1 |
| EV/Sales | 2.2 | 2.3 | 2.2 | 2.1 |
| Dividend Yield (%) | 5.8 | 6.1 | 5.5 | 5.5 |

Source: Company Data, PL Research

Source: Company Data, PL Research

Quarterly Financials (Rs m)

| Y/e Mar | Q3FY20 | Q4FY20 | Q1FY21 | Q2FY21 |
|------------------------------|--------|--------|--------|--------|
| Net Revenue | 30,064 | 31,873 | 19,375 | 22,299 |
| YoY gr. (%) | (17.6) | (12.5) | (40.6) | (0.5) |
| Raw Material Expenses | 221 | 375 | (38) | 1,066 |
| Gross Profit | 29,842 | 31,499 | 19,413 | 21,233 |
| Margin (%) | 99.3 | 98.8 | 100.2 | 95.2 |
| EBITDA | 15,914 | 14,919 | 7,549 | 10,302 |
| YoY gr. (%) | (26.1) | (22.6) | (59.6) | (2.8) |
| Margin (%) | 52.9 | 46.8 | 39.0 | 46.2 |
| Depreciation / Depletion | 646 | 675 | 573 | 534 |
| EBIT | 15,269 | 14,245 | 6,976 | 9,768 |
| Margin (%) | 50.8 | 44.7 | 36.0 | 43.8 |
| Net Interest | 98 | (213) | 93 | 17 |
| Other Income | 1,302 | 1,333 | 717 | 884 |
| Profit before Tax | 16,473 | 14,826 | 7,600 | 10,634 |
| Margin (%) | 54.8 | 46.5 | 39.2 | 47.7 |
| Total Tax | 2,707 | 11,311 | 2,267 | 2,892 |
| Effective tax rate (%) | 16.4 | 76.3 | 29.8 | 27.2 |
| Profit after Tax | 13,766 | 3,515 | 5,333 | 7,742 |
| Minority interest | - | - | - | - |
| Share Profit from Associates | - | - | - | - |
| Adjusted PAT | 13,766 | 11,959 | 5,333 | 7,742 |
| YoY gr. (%) | (12.7) | (11.1) | (54.8) | 10.1 |
| Margin (%) | 45.8 | 37.5 | 27.5 | 34.7 |
| Extra Ord. Income / (Exp) | - | (229) | - | - |
| Reported PAT | 13,766 | 3,515 | 5,333 | 7,742 |
| YoY gr. (%) | (12.7) | (75.8) | (54.8) | 10.1 |
| Margin (%) | 45.8 | 11.0 | 27.5 | 34.7 |
| Other Comprehensive Income | - | - | - | - |
| Total Comprehensive Income | 13,766 | 3,515 | 5,333 | 7,742 |
| Avg. Shares O/s (m) | 3,164 | 3,164 | 3,164 | 3,164 |
| EPS (Rs) | 4.4 | 3.8 | 1.7 | 2.4 |

Source: Company Data, PL Research

Key Operating Metrics

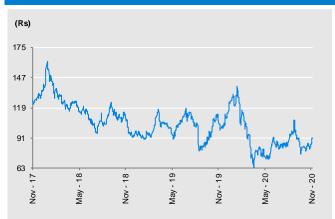
| 32 | 00 | | |
|-------|-------|-------------|-------------------|
| 02 | 30 | 38 | 40 |
| 3,672 | 3,583 | 3,216 | 3,221 |
| 1,907 | 1,759 | 1,207 | 1,149 |
| | 3,672 | 3,672 3,583 | 3,672 3,583 3,216 |

Source: Company Data, PL Research

NMDC

NMDC

Price Chart



| No. | Date | Rating | TP (Rs.) | Share Price (Rs.) |
|-----|-----------|------------|----------|-------------------|
| 1 | 09-Oct-20 | Accumulate | 98 | 83 |
| 2 | 31-Aug-20 | Accumulate | 125 | 108 |
| 3 | 10-Jul-20 | Accumulate | 87 | 86 |
| 4 | 02-Jun-20 | Accumulate | 98 | 85 |
| 5 | 20-Apr-20 | Hold | 90 | 80 |
| 6 | 07-Feb-20 | Reduce | 105 | 116 |
| 7 | 03-Jan-20 | Reduce | 105 | 129 |
| | | | | |

Recommendation History

Analyst Coverage Universe

| Sr. No. | Company Name | Rating | TP (Rs) | Share Price (Rs) |
|---------|--------------------------|------------|---------|------------------|
| 1 | ACC | BUY | 1,805 | 1,563 |
| 2 | Ambuja Cement | BUY | 285 | 254 |
| 3 | Coal India | Hold | 132 | 113 |
| 4 | Heidelberg Cement India | Hold | 195 | 185 |
| 5 | Hindalco Industries | BUY | 230 | 192 |
| 6 | Hindustan Zinc | Hold | 235 | 223 |
| 7 | Jindal Steel & Power | BUY | 260 | 191 |
| 8 | JK Lakshmi Cement | BUY | 370 | 285 |
| 9 | JSW Steel | Reduce | 223 | 321 |
| 10 | NMDC | Accumulate | 98 | 83 |
| 11 | Shree Cement | Reduce | 19,100 | 20,297 |
| 12 | Steel Authority of India | Reduce | 30 | 34 |
| 13 | Tata Steel | Reduce | 315 | 374 |
| 14 | The Ramco Cements | Reduce | 675 | 802 |
| 15 | Ultratech Cement | BUY | 5,400 | 4,629 |

PL's Recommendation Nomenclature (Absolute Performance)

| : | > 15% |
|---|---------------------------------|
| : | 5% to 15% |
| : | +5% to -5% |
| : | -5% to -15% |
| : | < -15% |
| : | No specific call on the stock |
| : | Rating likely to change shortly |
| | |

ANALYST CERTIFICATION

(Indian Clients)

We/l, Mr. Kamlesh Bagmar- CA, Mr. Amit Khimesra- 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. Kamlesh Bagmar- CA, Mr. Amit Khimesra- 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